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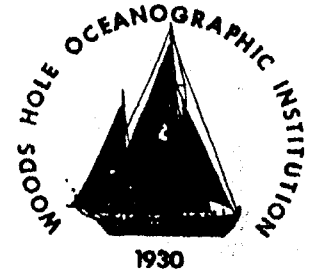
Woods Hole Oceanographic Institution



THE WHOI MOORED ARRAY PROJECT 1963-1978: DATA DIRECTORY AND BIBLIOGRAPHY

by

S. Tarbell, M. Chaffee,
A. Williams and R. Payne

August 1980

TECHNICAL REPORT

Prepared for the Office of Naval Research under Contract N00014-76-C-0197; NR 083-400 and for the National Science Foundation under Grant OCE 77-19403.

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WOODS HOLE, MASSACHUSETTS 02543

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General information about mooring locations, durations and data gathered by the Moored Array Project (also known as Buoy Group) between late 1963 and 1978 are listed. Also included is a comprehensive list of scientific and technical publications written by the Buoy Group staff.

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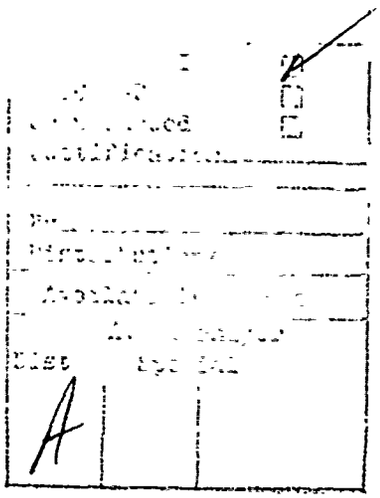
WOODS HOLE OCEANOGRAPHIC INSTITUTION
Woods Hole, Massachusetts 02543



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Valentine Worthington, Chairman
Department of Physical Oceanography

ABSTRACT

General information about mooring locations, durations and data gathered by the Moored Array Project (also known as Buoy Group) between late 1963 and 1978 is listed. Also included is a comprehensive list of scientific and technical publications written by the Buoy Group staff.

TABLE OF CONTENTS

ACKNOWLEDGMENTS

This report has been a cooperative effort for a number of years. The early charts were compiled and drafted by Margaret Chaffee. The table of available data is mostly the work of Phyllis Hayes, a summer student and the bibliography was compiled by Audrey Williams.

Many people have contributed special time and effort in the area of documentation. Among them are Nick Fofonoff, Ferris Webster, Robert Heinmiller, Raymond Pollard, George Tupper, Jim McCullough, and Gordon Volkmann. Many more have contributed to the most basic level of documentation, the careful daily records kept by the mooring, instrument and data processing sections. It is this solid base of unglamorous paper work that supports the effort of the scientific staff and makes possible this report, the distillation of everyone's continuous effort.

The Early Years

In 1959 a long-range program of oceanographic environmental research was outlined and submitted to the Office of Naval Research from the Woods Hole Oceanographic Institution. Among the recommendations were the use of fixed and drifting instrumented buoys to measure the distribution and variability of ocean currents. The specific projects were developed further in a formal proposal to the Office of Naval Research in 1960. The general objectives were "to achieve a greater understanding of the 'climatic' qualities of the circulation of the oceans". The major specific effort was to "be devoted to the development of suitable unmanned equipment for the collection of data pertinent to the prediction problem and an experimental line of stations through the Gulf Stream to be set up to evaluate these techniques and collect essential data on the time variations of this major current system".

The W.H.O.I. Buoy Group, set up initially under the guidance of Dr. W. S. Richardson, designed and built the prototype moorings, current meters and other instruments. The first batch of 100 current meters plus wind recorders were assembled at W.H.O.I. during Spring 1961 for deployment at 12 mooring sites between Cape Cod and Bermuda.

The program encountered serious problems from the outset. Loss rates were unacceptably high, ranging from 40 to 90% of the instruments set for periods of two to three months. Of the records recovered, most were seriously contaminated by high levels of high-frequency noise from mooring motion.

Although the instruments and moorings were redesigned for redeployment in 1962, the modifications were inadequate to meet the conditions (largely unknown) encountered at sea. The Bermuda buoy line was discontinued in Spring 1962. The outlook for long-term moored array experiments appeared bleak. However, experimentation and redesign continued. Film records recovered in 1962 were analyzed manually to identify sampling and recording problems and to expose the various modes of mooring motion that degraded the records. In 1963, the program emphasis was shifted to engineering and

development. Current meters were redesigned with sampling rates that matched the wide-band signals seen from moorings. Records from these instruments proved to be machine-readable and quickly exposed the real structure of the signal spectrum. Realistic specifications could now be set for the next generation of current meters. (A more detailed discussion is available in Fofonoff, 1968.)

Solving the current meter sampling problem did not eliminate the high loss rate of instruments at sea (35% for exposure periods of two weeks or more during 1965-67). Improvements continued to be slow and uncertain until reliable acoustic releases were developed and an effective back-up recovery system was designed. Development of mooring techniques has been described by Heinmiller (1975, 1976a, b). The ability to conduct post-mortems on mooring failures led to a rapid improvement in durability and resistance to corrosion and fatigue of mooring components. In 1968 recoveries of better than 90% were attained, eliminating a major constraint on application of moored buoys for scientific use. A rapid expansion in number and scope of scientific experiments followed starting in 1969.

The present report catalogues the experiments carried out, the data collected, and the resulting scientific papers and technical reports during the period from 1963 to 1979. The evolution of moored buoy techniques is apparent in the maps and listings included. The continued support of the Office of Naval Research has been essential to the development of moored buoy techniques, especially during the 60's when the scientific returns seemed at times so meager compared to the investments.

Instruments

The overriding goal of the Buoy Group, from the beginning, has been to make accurate observations of ocean currents on an accurate time base. Over the years, the data treatment and recording methods within the current meters have changed radically while the sensors, the Savonius rotor and vane, have stayed very nearly like the original models. Also, other variables, such as temperature, differential temperature, and pressure have been added to the observations recorded.

Table 1 contains a very brief summary of the instrument developments which we will comment on here.

The first current meters were manufactured by Geodyne, Inc. These recorded their data on movie film and used mechanical clocks for the time base. Transferring the data to magnetic tape for digital processing was difficult and not particularly reliable so it was hailed as a great advance when Geodyne brought out the Model 850. This uses basically the same instrument but recorded on magnetic tape in endless loop cartridges. Both the film recording and Model 850 current meter used burst sampling recording, giving the investigators a measure of the high frequency content in ocean currents, but the magnetic tape increased the data storage capacity as well as the reliability. Replacing the mechanical clocks with quartz crystal oscillators improved the accuracy and reliability of the time by a remarkable amount.

In 1971, the first prototypes of the Vector Averaging Current Meter (VACM) were deployed. This instrument, conceived and designed at W.H.O.I., used the vane and Savonius rotor for sensors but vector averaged the data nearly continuously and recorded digitally on magnetic tape cassettes. Vector averaging effectively removed the aliasing problem and the recording techniques developed increased the data capacity of the current meters markedly. A combination of up-to-date electronics and very careful maintenance and servicing yielded a remarkably reliable instrument.

Water temperature has been recorded in all VACMs by means of thermistors. An accuracy of .01°C is achieved routinely (Payne et al., 1976). Other variables have been added to the observations as the need arose. The requirement for small scale temperature gradients prompted the development of the differential temperature (DT) circuits for the Internal Wave experiment (IWEX). The need for monitoring mooring behavior gave rise to the measurement of pressure in the VACM. The multiplexing circuit was developed at the same time to allow the recording of several variables besides current without increasing the number of circuit boards and therefore the size and power requirements of the instrument.

The Model 850 has continued to yield quite satisfactory data and all of our Model 850s are in active use. Substantial improvements have been made to the electronics resulting in improved reliability (Valdes, 1977). The ability to measure temperature has been added to all the Model 850s.

During the past 3 or 4 years the Buoy Group has come to expect a rather high level of performance from its instruments, order of 90% data return from the VACMs and only slightly less from the Model 850s. Recently two moorings were recovered after an 18 month deployment with excellent data return.

Instruments from other institutions have been deployed on Buoy Group moorings. The best example is probably the temperature-pressure recorder (T/P) developed at M.I.T.'s Draper Laboratories under John Dahlen. The T/P was developed for use on the MODE moorings and gave the Buoy Group its first quantitative information on vertical mooring motion.

CALENDAR OF EVENTS

1963 The data gathered was used to determine the effectiveness and limitations of the instrument (film recording current meter made by the Geodyne Corporation) and the mooring system. Data quality is marginal in all cases due to the state of the art at that time. Data quality problems include light struck film, blurring between channels, film transport uneven, and uneven light intensity causing channels to be misread on machine reading.

1964 Solving instrument and engineering problems was the principal thrust of the project. Removing the large external fin and damping the vane follower were just two of the instrument modifications. Our present system of naming moorings and data files was initiated and previously set moorings and data series re-named to conform to the new procedure.

1965 The first good two month time series was recovered. Instrument changes included a magnetic switch turn-on (from a mercury switch) and double ended (vane one end, rotor other end) to single ended current meters.

1966 A few of the instruments were modified to record on magnetic tape instead of on film.

1967 The conversion to magnetic tape recording instruments was continued. Mooring work was suspended pending results of experimental mooring types.

1968 Finished converting from film to magnetic tape recording instruments. Larger, faster computer system installed (Sigma 7). All data series converted to the Maltais Format (Maltais, 1969) on the new computer. The back-up recovery system (Berteaux and Heinmiller, 1969) was to be used on all moorings.

1969 The first crystal clocks were installed, replacing the less accurate mechanical clocks.

1970 The first intermediate moorings (Heinmiller and Walden, 1973) were set. Directional inaccuracies in vane follower and northern bias were measured and corrected. The increase in mooring and instrument reliability started a trend to set moorings in arrays.

CALENDAR OF EVENTS (cont.)

1971 Prototypes of the Vector Averaging Current Meter (VACM) were used successfully. A few of the Model 850 instruments were modified to include a temperature sensor. The first mooring with an intended duration of 1 year was set. The MODE/POLYMODE experiments began with MODE 0, Array 1.

1972 The 1 year mooring was recovered (388 days). The modification of the Model 850 to include temperature was continued and calibration techniques were devised for the thermistors. The VACMs were modified to correct a design flaw. Compass, vane values were lost if the rotor had not turned 1/8th of a turn. The modification forced a count of one in the rotor. MODE was continued with Arrays 2 and 3.

1973 Modified VACMs that recorded differential temperature were used in IWEX. MODE 1, set in the spring, was the largest array set by the Buoy Group. It had 16 moorings and over 200 instruments. Two VACM problems were discovered: chemical deposition in rotor and vane bearings and a rotor drop-out problem caused by a drifting diode. Modifications to eliminate the problems were started.

1974 The various modifications of the VACM were continued. POLYMODE Array 1 was set.

1975 A program to update the circuitry of the Model 850 clocks to bring them up to standards was started (Valdes, 1977). POLYMODE Array 2, Setting 1 was deployed and recovered and Array 2, Setting 2 was deployed.

1976 Two VACMs were modified to add pressure in a multiplexing mode. POLYMODE, Array 2, Setting 2 was recovered and Setting 3 was set. INDEX moorings were deployed in the Indian Ocean and recovered.

1977 POLYMODE, Array 2, Setting 3 was recovered. POLYMODE, Array 3, clusters A and B were deployed.

1978 POLYMODE, Array 3, clusters A and B were recovered and two site moorings were deployed. JASIN was set and recovered. A 15 month LDE array was deployed.

Table 1 shows the chronological order of the introduction of some of the technological improvements made in instruments and moorings as well as some of the major experiments the Buoy Group has been involved in. Mooring numbers are for the mooring set nearest the end of the year above it.

Events	Calendar Years
	1963,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79
Mooring Numbers	141 - 193 - 261 - 321 - 421 - 522 - 586 - 638 -
Nominal Mooring Duration	[7 days][- - Two months - -][6 months][9-15 mo.
	* Back up recovery system in use.
	* Intermediate moorings
	* First 1 year mooring
	* use of MIT T/Ps
Current Meters, Film	[Film Recording]
Model 850	[- - -Magnetic tape recording - -
VACM	[- Vector Averaging - -
	* 850 Temperature mod.
	* VACM DT mod. and
	*pressure.
Clocks	[Mechanical clocks -]
	[- Crystal Clocks - - - -
Major Experiments	
Long term site D	-+++++++++++++++++++++++++++++
Along 70° W.	++++++++++++++++
Gulf Stream	++ +++ + ++
MODE,POLYMODE	++++++++++++++++++++++++
IWEX	+
INDEX	+
JASIN	+
SCOR WG 21	+ + +
Local Dynamics Ex.	++++++
Calendar Years	1963,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79

Referenc :

Berteaux, H. O. and R. Heinmiller, 1969. Back-up recovery systems of deep-sea moorings. W.H.O.I. Technical Report WHOI 69-7.

Fofonoff, N. P., 1968. A summary report on current measurements from moored buoys, 1959-1965. W.H.O.I. Technical Report WHOI 68-30.

Heinmiller, R. H., Jr., 1975. Mooring operations of the Woods Hole Buoy Group for the MID-OCEAN DYNAMICS EXPERIMENT. W.H.O.I. Technical Report WHOI 75-42.

Heinmiller, R. H., Jr., 1976a. The Woods Hole Buoy Project moorings, 1960 through 1974. W.H.O.I. Technical Report WHOI 76-53.

Heinmiller, R. H., Jr., 1976b. Mooring operations techniques of the Buoy Project at the Woods Hole Oceanographic Institution. W.H.O.I. Technical Report WHOI 76-96.

Heinmiller, R. H. and R. G. Walden, 1973. Details of Woods Hole moorings. W.H.O.I. Technical Report WHOI 73-71.

Maltais, J. A., 1969. A nine channel digital magnetic tape format for storing oceanographic data. W.H.O.I. Technical Report WHOI 69-55.

Payne, R. E., A. L. Bradshaw, J. P. Dean and K. E. Schleicher, 1976. Accuracy of temperature measurements with the VACM. W.H.O.I. Technical Report WHOI 76-94.

Valdes, J. R., 1977. COS/MOS 850 current meter report. W.H.O.I. Technical Report WHOI 77-30.

SECTION A CHARTS AND GRAPHS

The charts and graphs in this section show the position, duration and 3 digit mooring number of each mooring set in the Atlantic in that year. Use the following legend for the calendar year displays:

Mooring numbers

038 Surface Mooring

159 Subsurface, Intermediate or Bottom Mooring

Depths of Instruments (meters)

1234 Depth of current meter

1234 Depth of non current meter instrument

1234 Digitizer depth

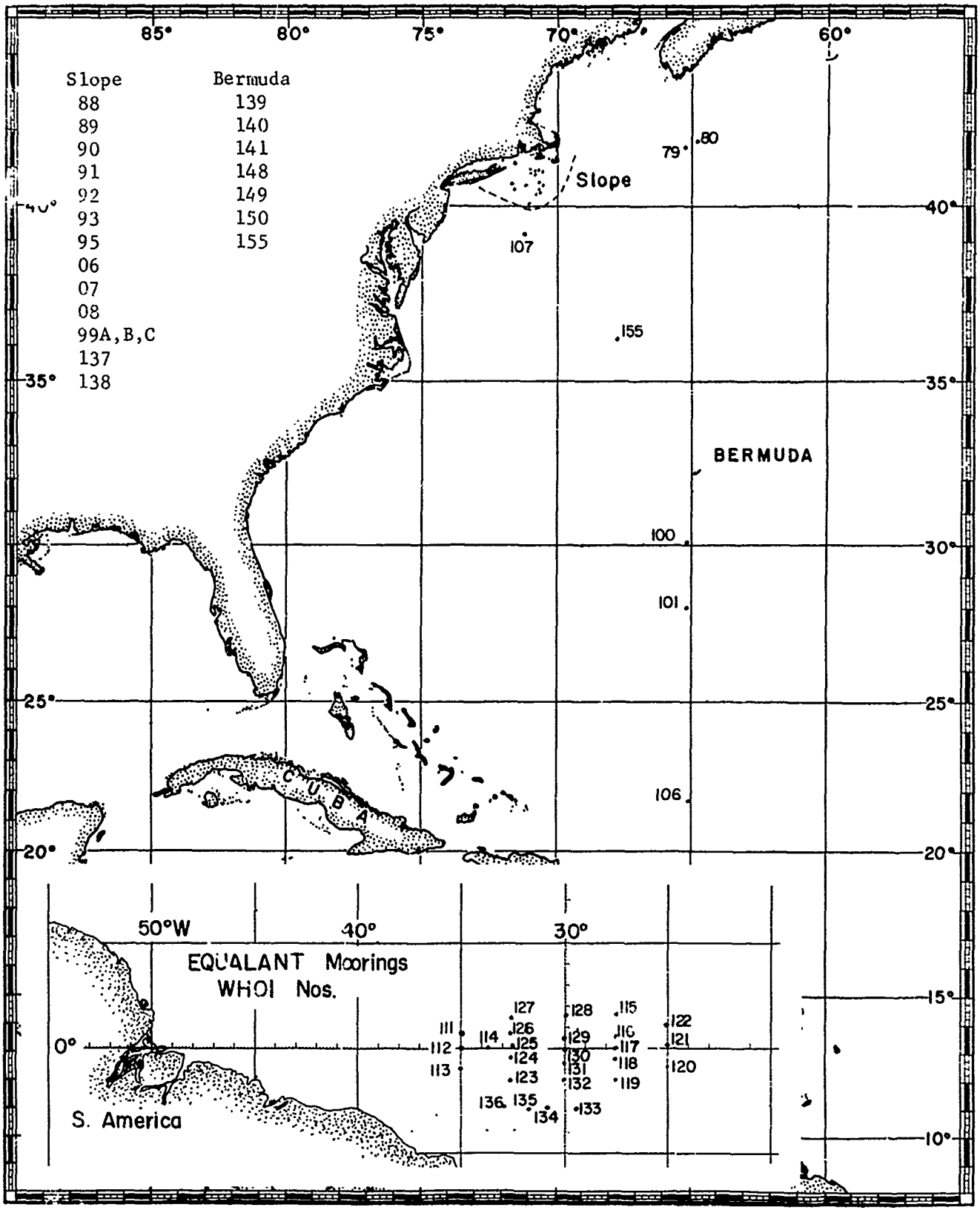
1234 Lost instrument

A dashed line means lost or adrift

R. A. means recovered adrift

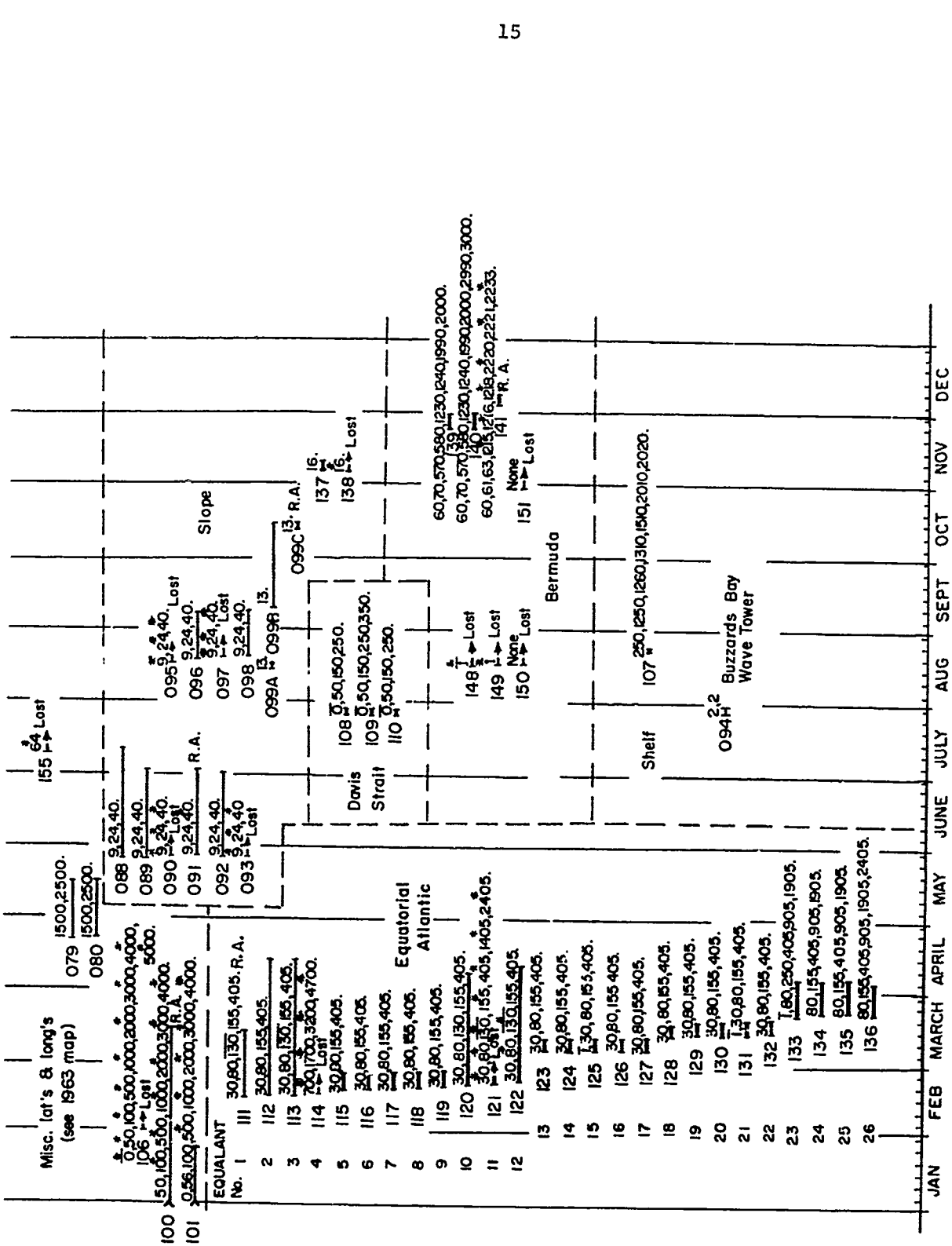
Note that data from moorings before 107 were of very poor quality and were not archived.

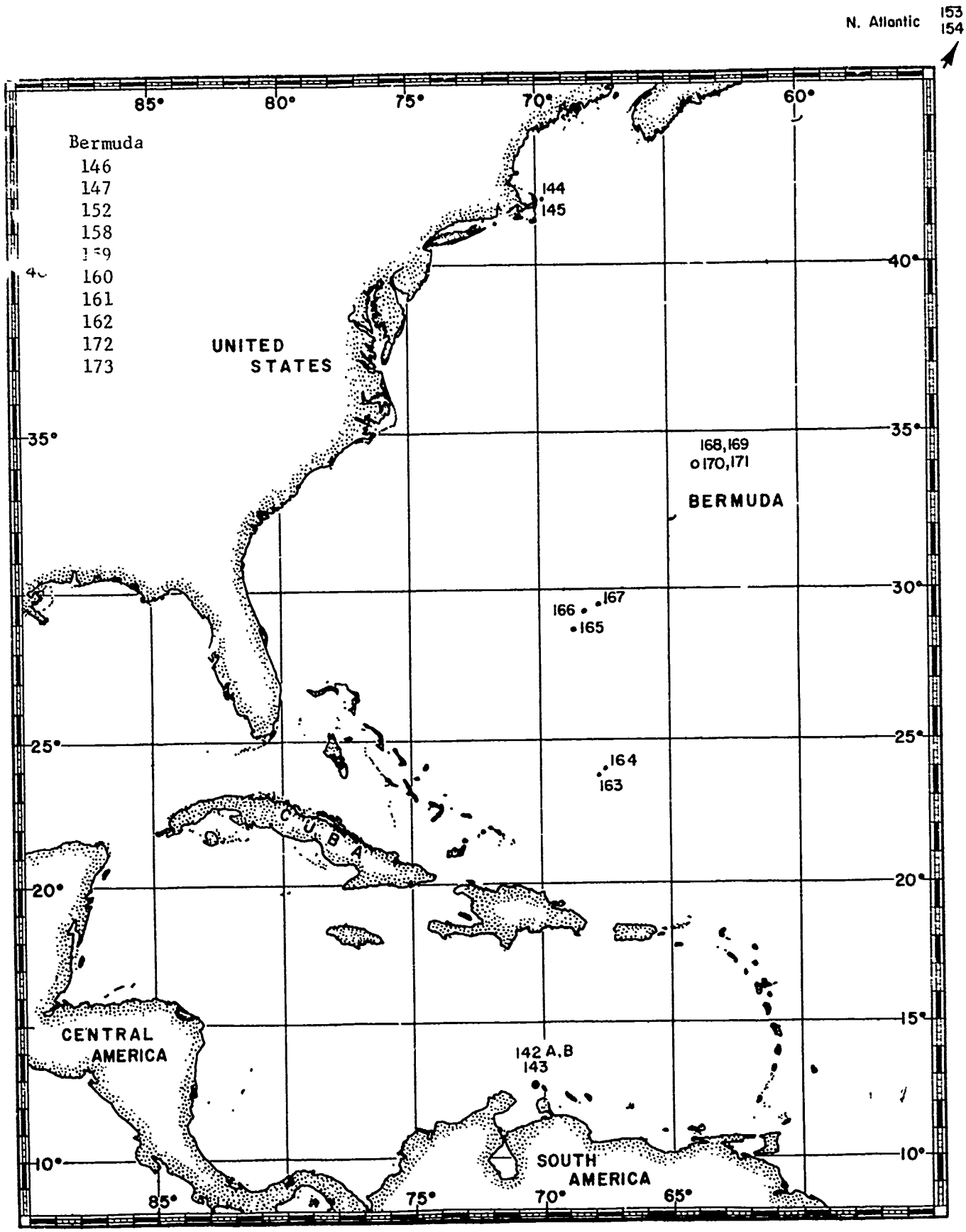
Davis Strait
110
109
108



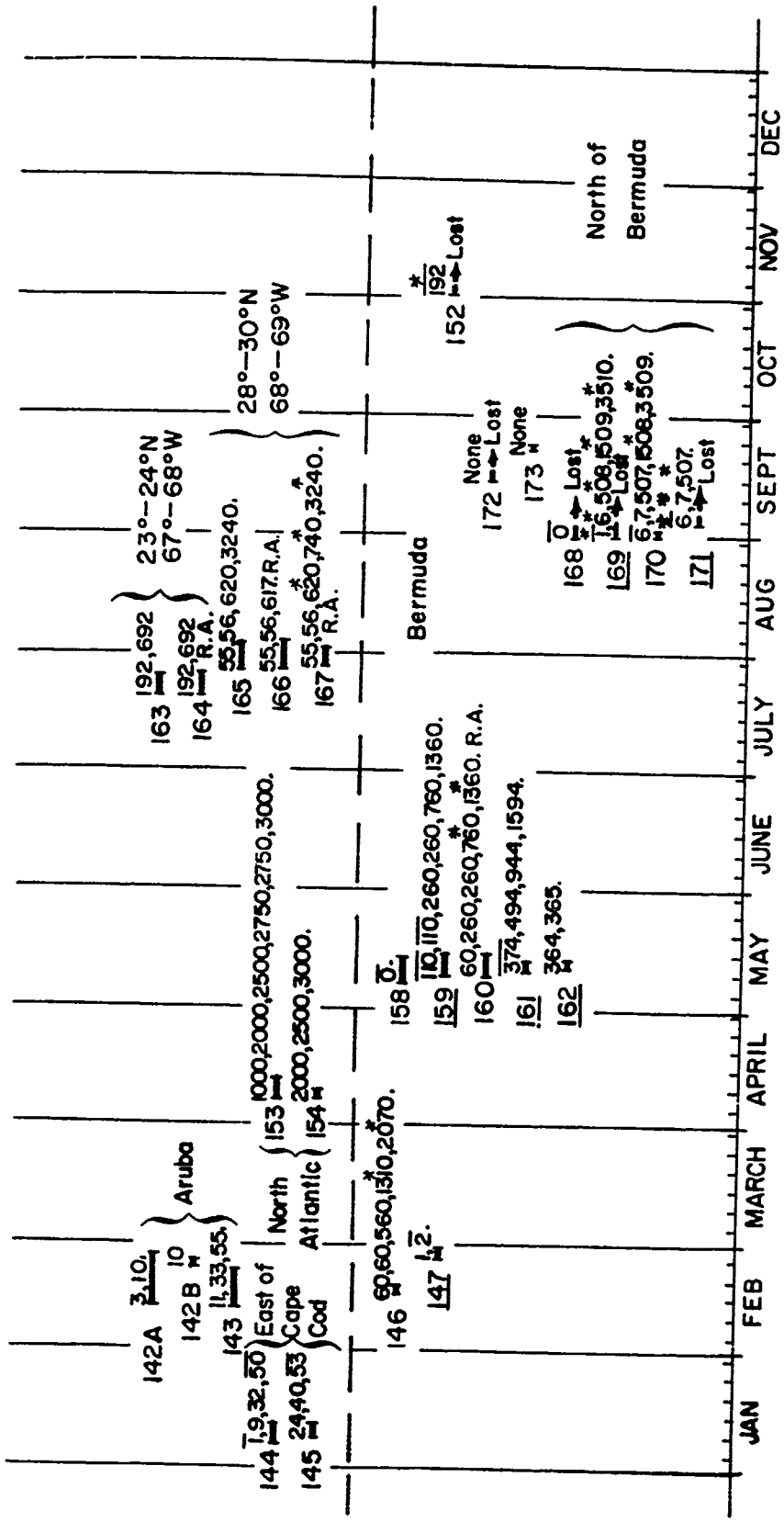
Slope	Bermuda
88	139
89	140
90	141
91	148
92	149
93	150
95	155
06	
07	
08	
99A,B,C	
137	
138	

1963


Misc. lat's & long's (see 1963 map)
EQUALANT
Equatorial Atlantic
Davis Strait
Shelf
Slope
Bermuda
Buzzards Bay Wave Tower
R.A.
Lost
None
JAN
FEB
MARCH
APRIL
MAY
JUNE
JULY
AUG
SEPT
OCT
NOV
DEC
1963


N. Atlantic
153
154
Bermuda
146
147
152
158
159
160
161
162
172
173
144
145
168,169
170,171
BERMUDA
166
167
165
164
163
142 A,B
143
UNITED STATES
CUBA
CENTRAL AMERICA
SOUTH AMERICA
85°
80°
75°
70°
60°
65°
40°
35°
30°
25°
20°
15°
10°

1964


JAN
FEB
MARCH
APRIL
MAY
JUNE
JULY
AUG
SEPT
OCT
NOV
DEC
1964
142A 3,10.
142B 10
143 1,33,55.
144 1,9,32,50
145 2,40,53
East of Cape Cod
Aruba
North Atlantic
146 60,60,560,1310,2070.
147 12.
153 1000,2000,2500,2750,3000.
154 2000,2500,3000.
158 0.
159 110,110,260,260,760,1360.
160 60,260,260,760,1360. R.A.
161 374,494,944,1594.
162 364,365.
163 192,692
164 192,692 R.A.
165 55,56,620,3240.
166 55,56,617. R.A.
167 55,56,620,740,3240. R.A.
23°–24°N
67°–68°W
28°–30°N
68°–69°W
Bermuda
172 None Lost
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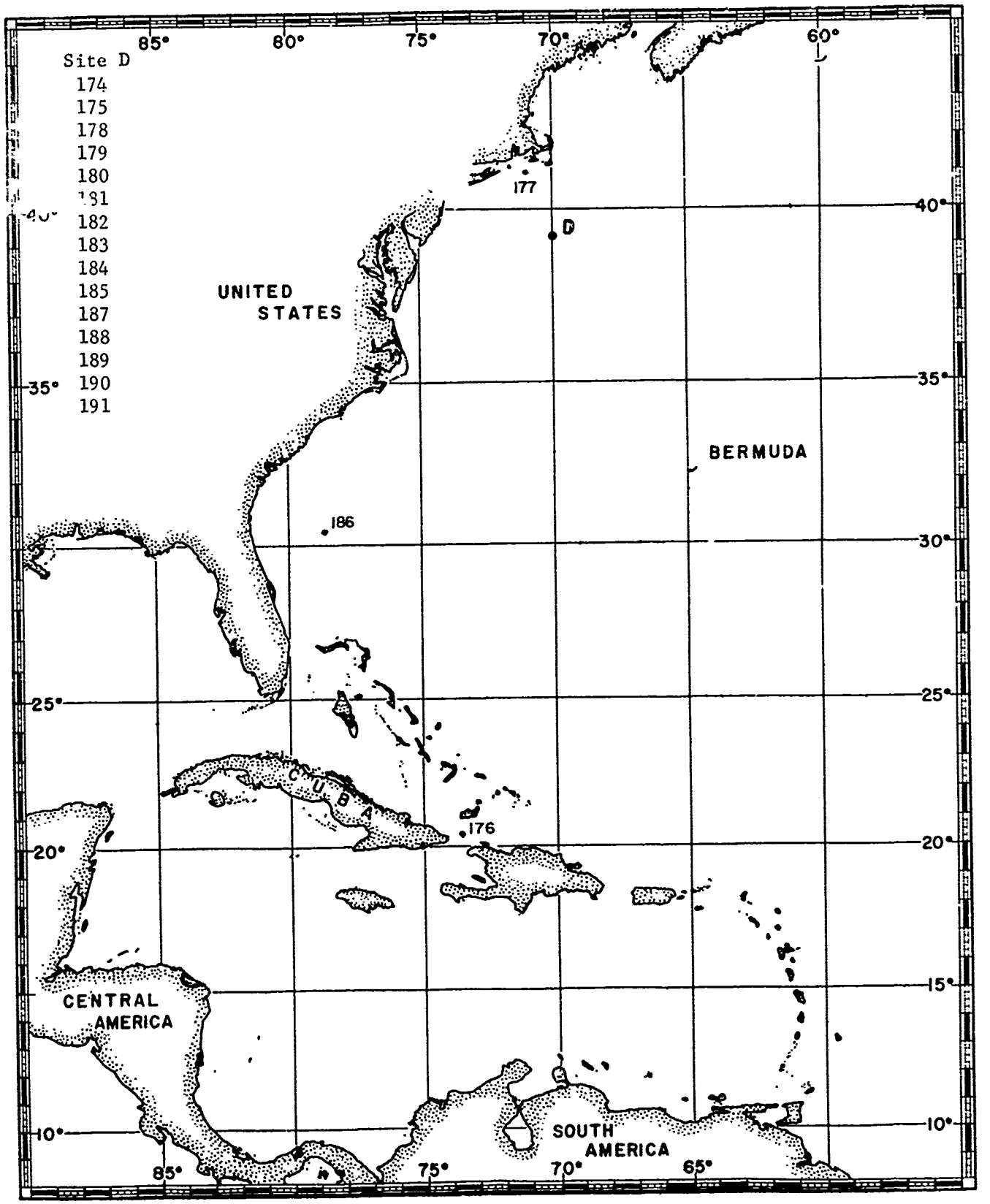
152 192 Lost
North of Bermuda


Site D
174
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190
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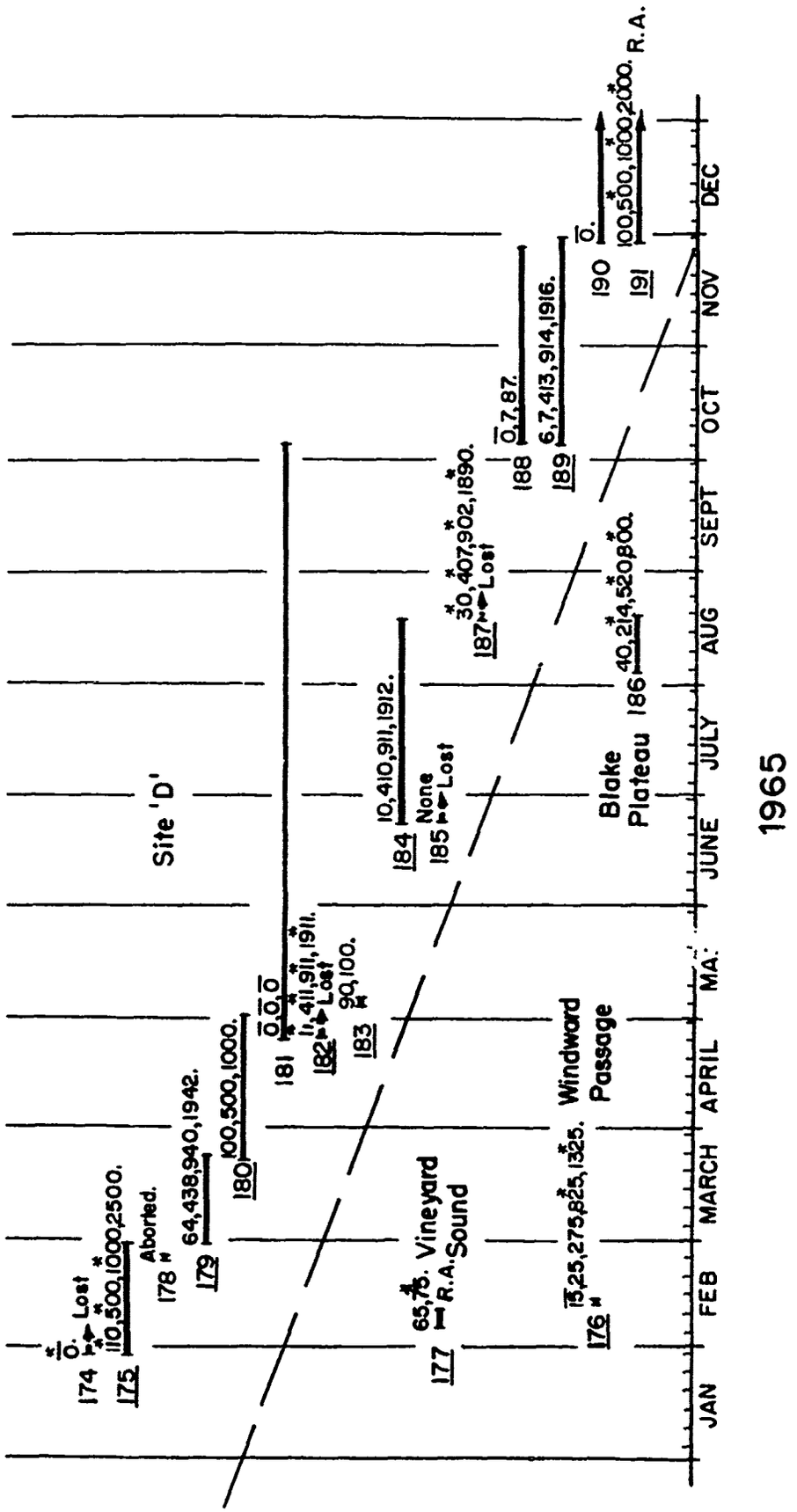
85°
80°
75°
70°
60°
40°
35°
30°
25°
20°
15°
10°
177
D
UNITED
STATES
BERMUDA
186
CUBA
176
CENTRAL
AMERICA
SOUTH
AMERICA
85°
75°
70°
65°

1965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178 Aborted.
179 64,438,940,1942.
180 100,500,1000.
181 0,0,0
182 11,411,911,1911. Lost
183 90,100.
184 10,410,911,1912.
185 None Lost
187 30,407,902,1890. Lost
188 0,7,87.
189 6,7,413,914,1916.
190 0.
191 100,500,1000,2000. R.A.
Site 'D'
Vineyard Sound R.A.
63,75.
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Windward Passage
15,25,275,825,1325.
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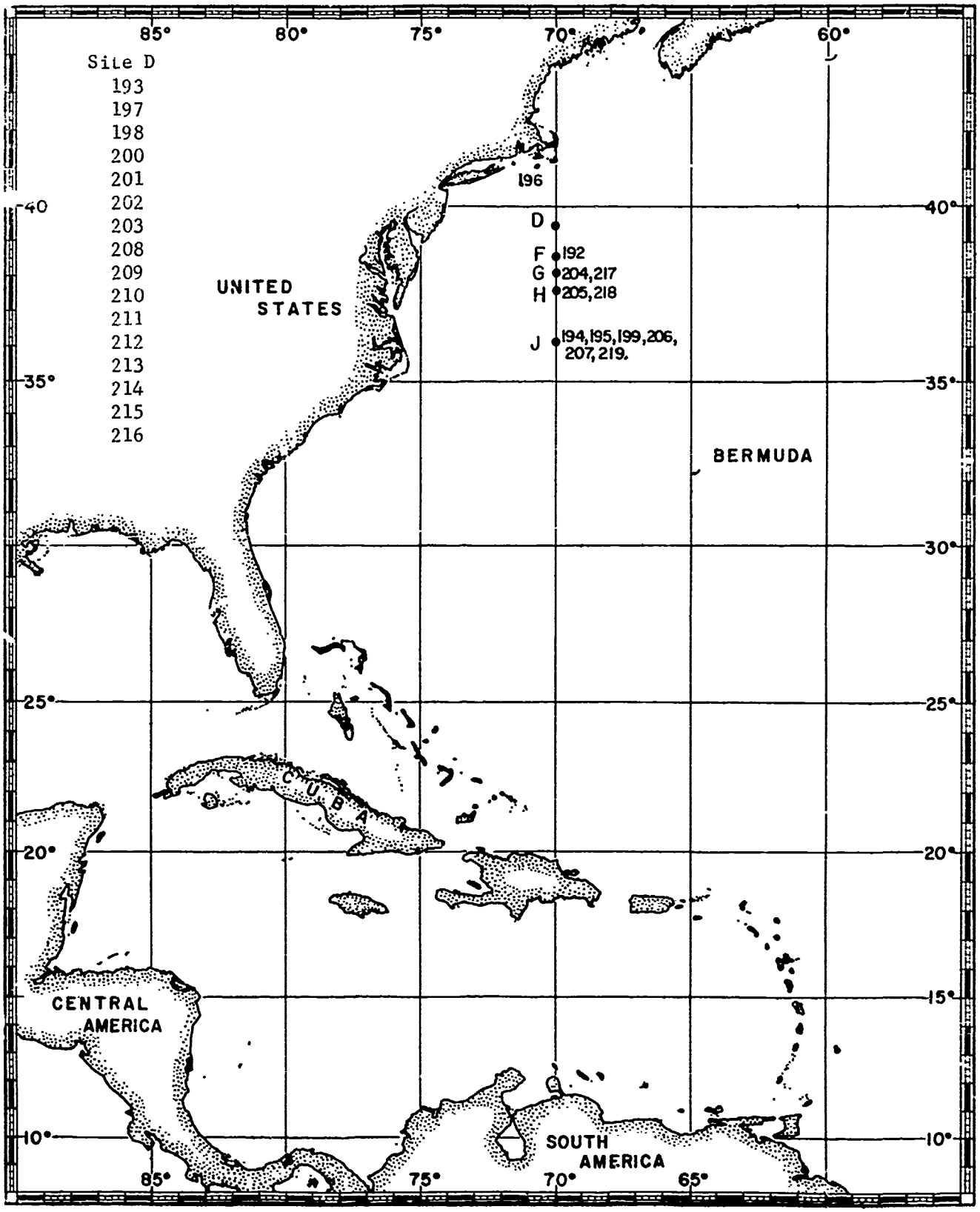
Blake Plateau
186 40,214,520,800.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Site D
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214
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216
196
40°
D
F 192
G 204,217
H 205,218
J 194,195,199,206, 207,219.
UNITED STATES
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30°
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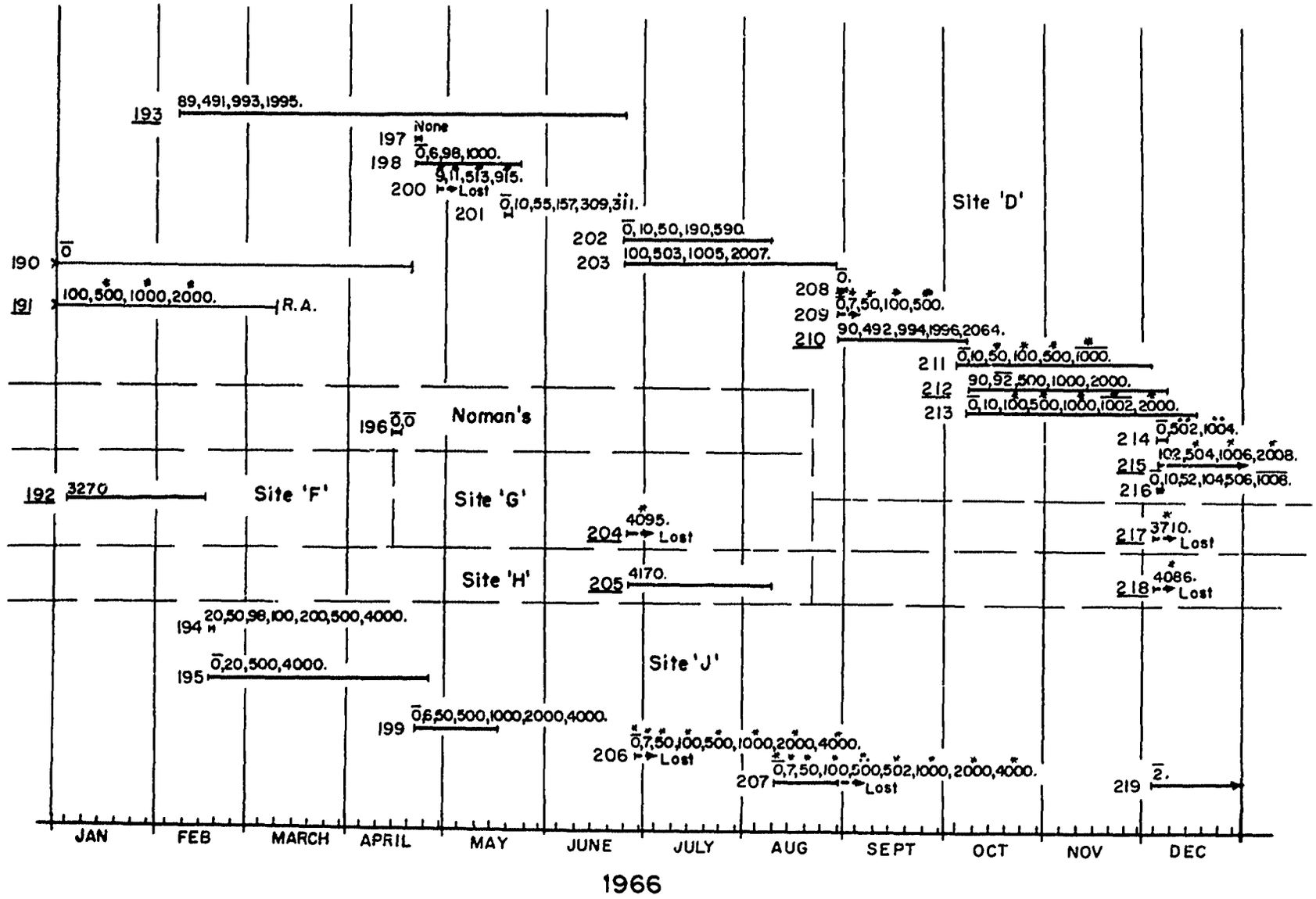
15°
CENTRAL AMERICA
10°
SOUTH AMERICA
65°

1966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203 100,503,1005,2007.
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213 0,10,100,500,1000,1002,2000.
196 0,0 Noman's
214 0,502,1004.
215 102,504,1006,2008.
216 0,10,52,104,506,1008.
192 3270
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Site 'G'
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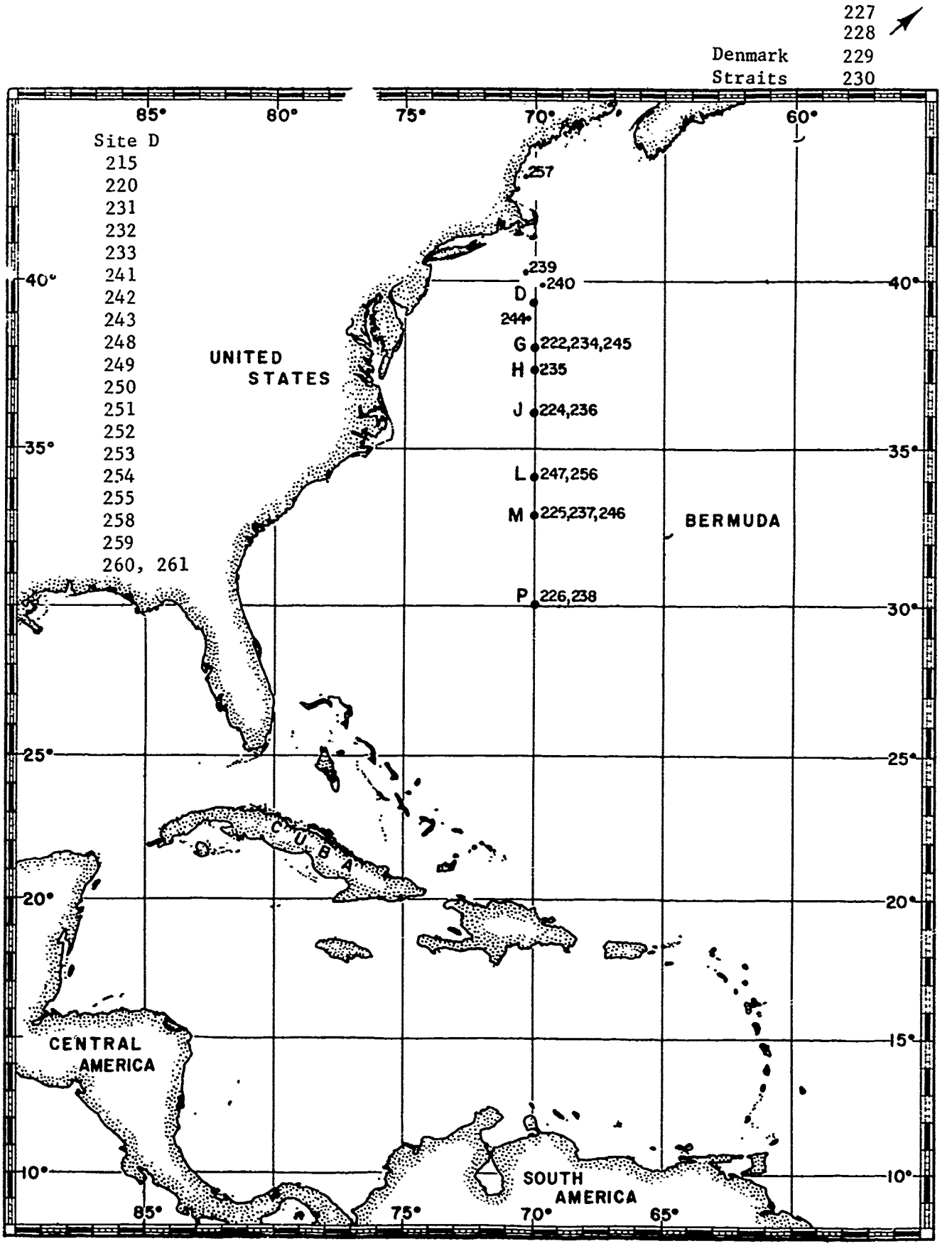
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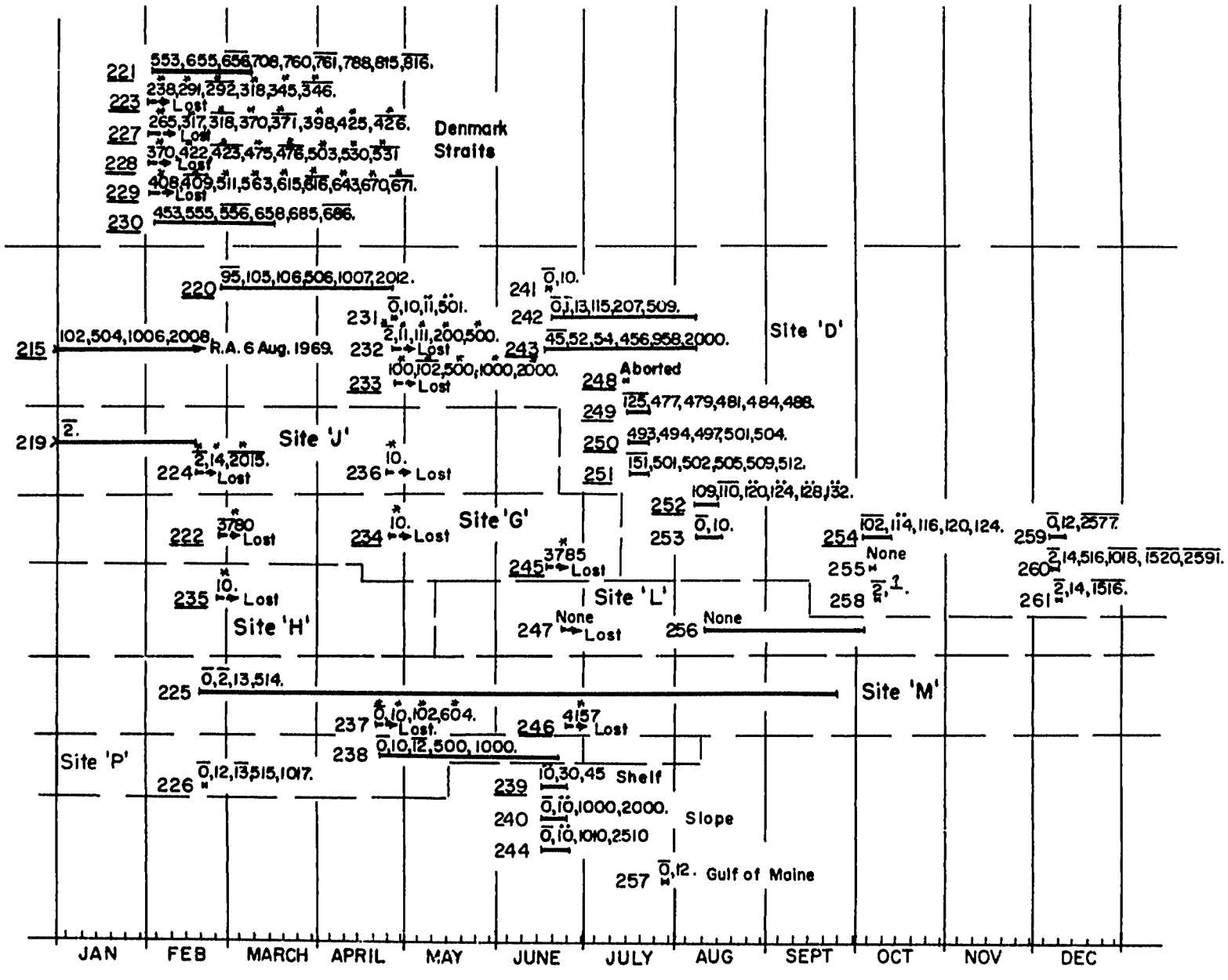
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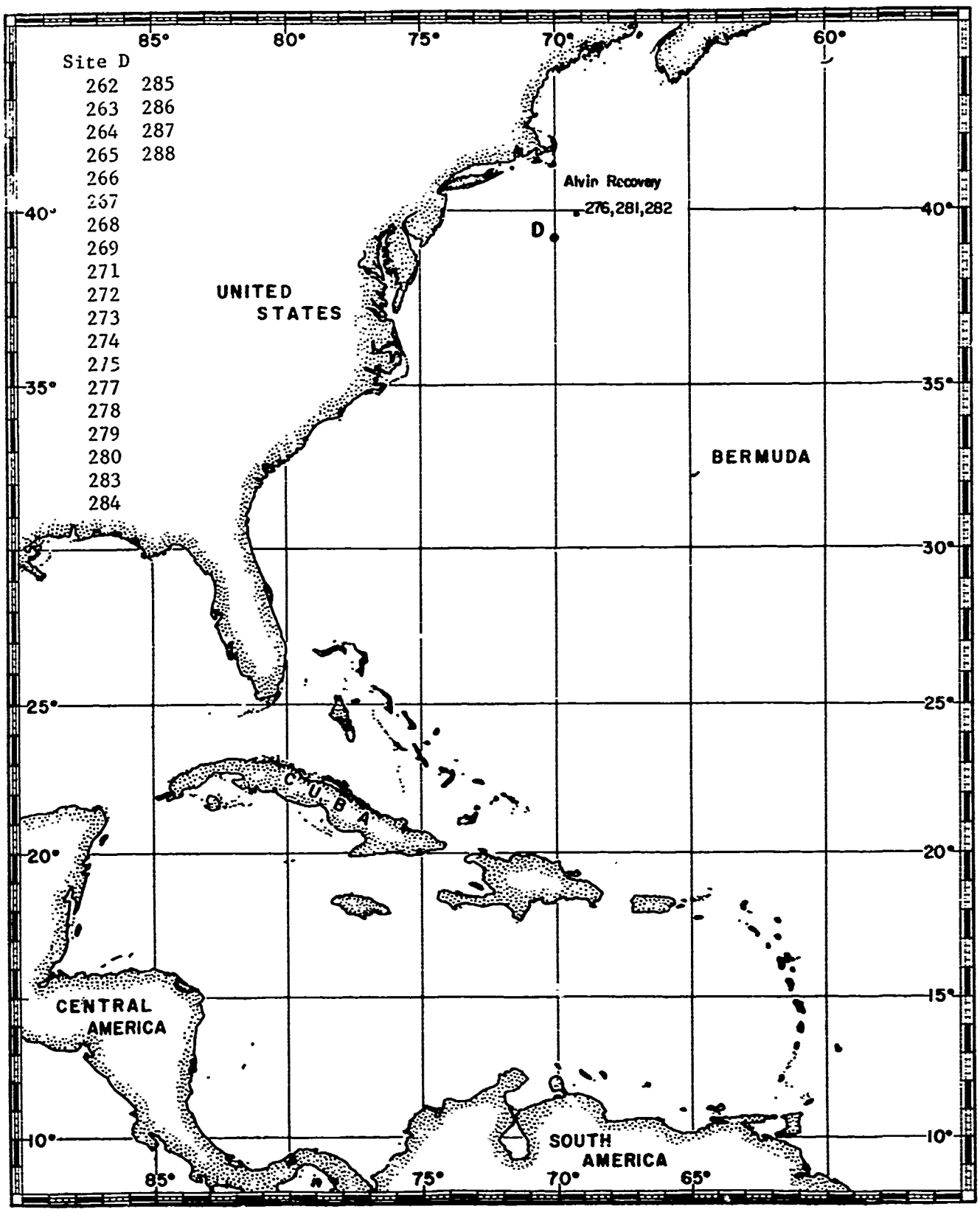
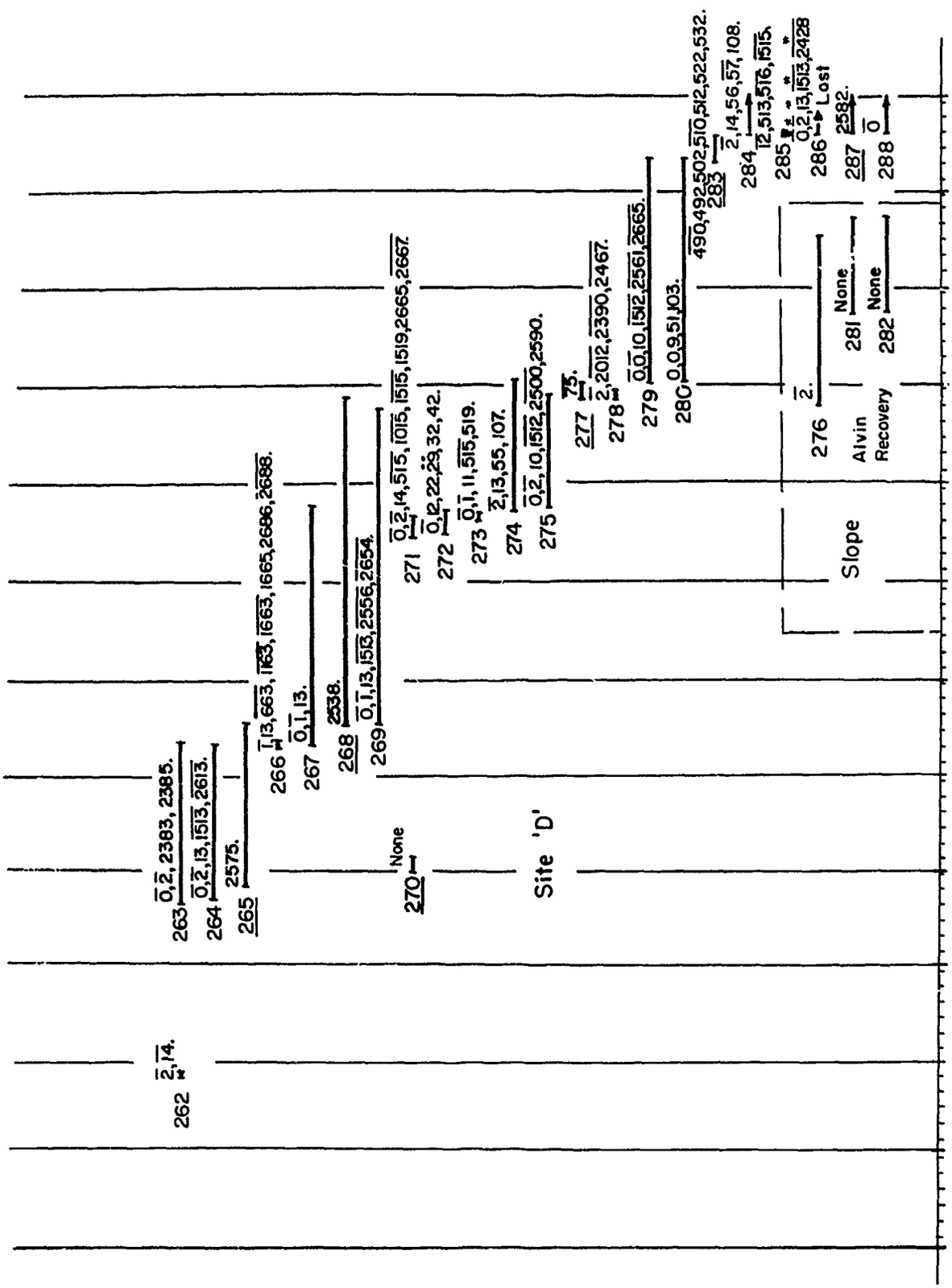
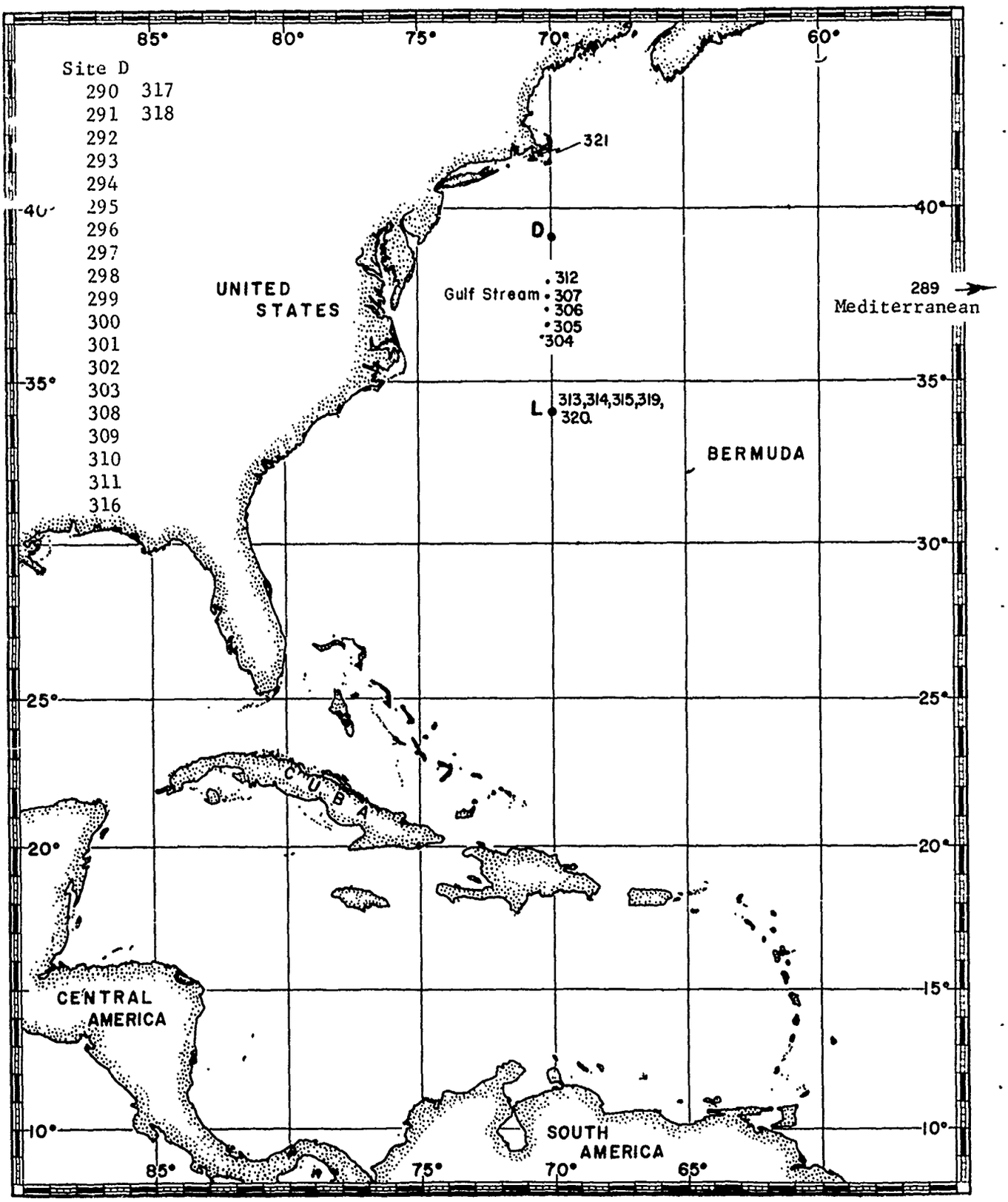
229 408,409,511,563,615,616,643,670,671. → Lost
230 453,555,556,658,685,686.
Denmark Straits
220 95,105,106,506,1007,2012.
231 0,10,11,501.
232 2,11,111,200,500. → Lost
233 100,102,500,1000,2000. → Lost
241 0,10.
242 0,1,13,115,207,509.
243 45,52,54,456,958,2000.
Site 'D'
215 102,504,1006,2008. → R.A. 6 Aug. 1969.
248 Aborted
249 125,477,479,481,484,488.
250 493,494,497,501,504.
251 151,501,502,505,509,512.
252 109,110,120,124,128,132.
219 2.
Site 'J'
224 2,14,2015. → Lost
236 10. → Lost
253 0,10.
254 102,114,116,120,124.
259 0,12,2577.
255 None
260 2,14,516,1018,1520,2591.
222 3780 → Lost
234 10. → Lost
Site 'G'
245 3785 → Lost
258 2,1.
261 2,14,1516.
235 10. → Lost
Site 'H'
Site 'L'
247 None → Lost
256 None
225 0,2,13,514.
Site 'M'
237 0,10,102,604. → Lost.
246 4157 → Lost
238 0,10,12,500,1000.
Site 'P'
226 0,12,13,515,1017.
239 10,30,45 Shelf
240 0,10,1000,2000. Slope
244 0,10,1010,2510
257 0,12. Gulf of Maine
JAN
FEB
MARCH
APRIL
MAY
JUNE
JULY
AUG
SEPT
OCT
NOV
DEC

1967

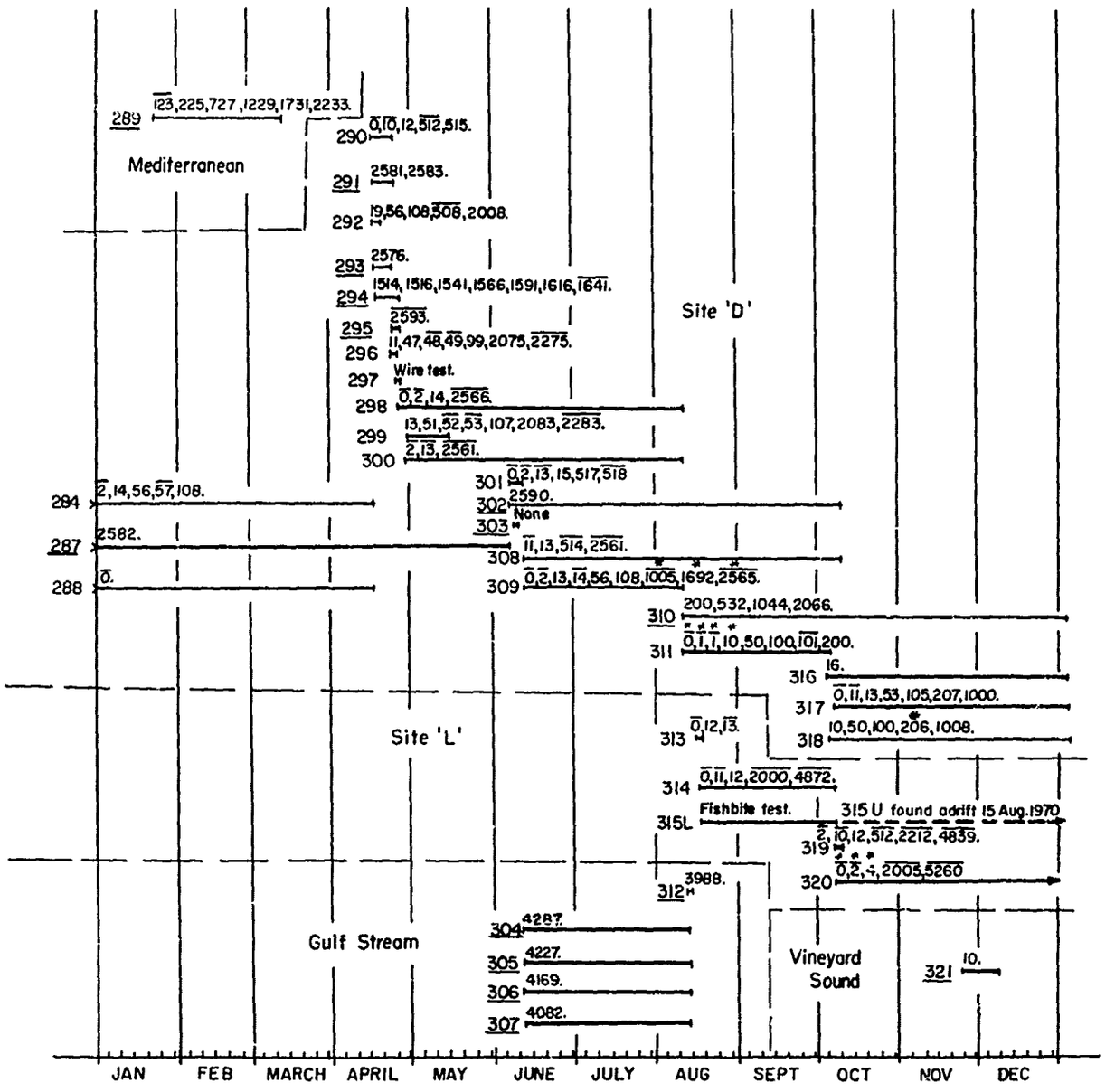

Site D
262 285
263 286
264 287
265 288
266
267
268
269
271
272
273
274
275
277
278
279
280
283
284
Alvin Recovery
276,281,282
D
UNITED STATES
BERMUDA
CUBA
CENTRAL AMERICA
SOUTH AMERICA
85°
80°
75°
70°
60°
65°
40°
35°
30°
25°
20°
15°
10°

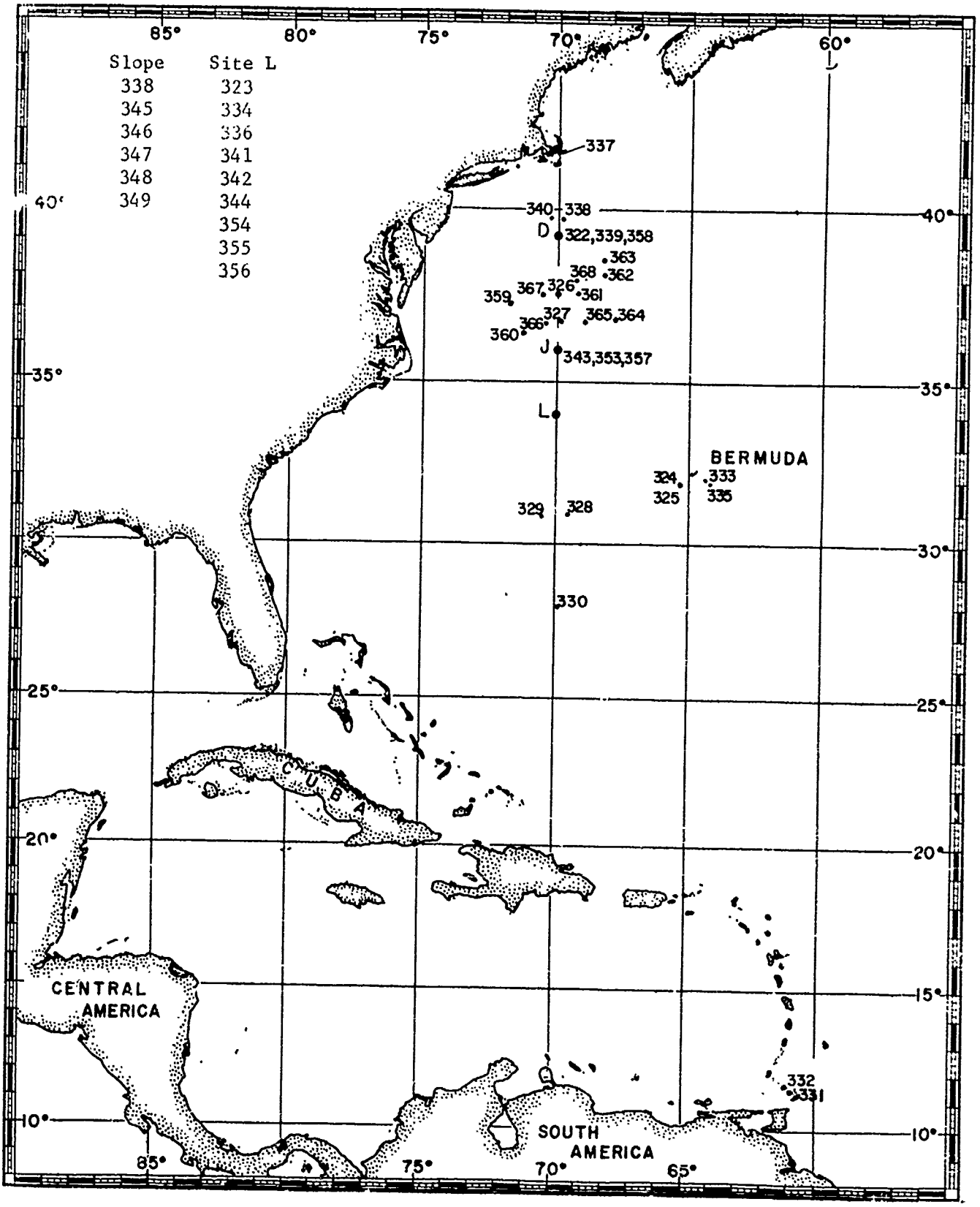
1968


JAN
FEB
MARCH
APRIL
MAY
JUNE
JULY
AUG
SEPT
OCT
NOV
DEC
1968
Site 'D'
Slope
Alvin Recovery
None
Lost
262 2,14.
263 0,2, 2383, 2385.
264 0,2,13,1513,2613.
265 2575.
266 13,663,1663,1663,1665,2686,2688.
267 0,1,13.
268 2538.
269 0,1,13,513,2556,2654.
270 None
271 0,2,14,515,1015,1515,1519,2665,2667.
272 0,2,22,23,32,42.
273 0,1,11,515,519.
274 2,13,55,107.
275 0,2,10,1512,2500,2590.
277 75.
278 2,2012,2390,2467.
279 0,0,10,1512,2561,2665.
280 0,0,9,51,103.
281 None
282 None
283 490,492,502,510,512,522,532.
284 2,14,56,57,108.
285 12,513,516,1515.
286 0,2,13,1513,2428
287 2582.
288 0

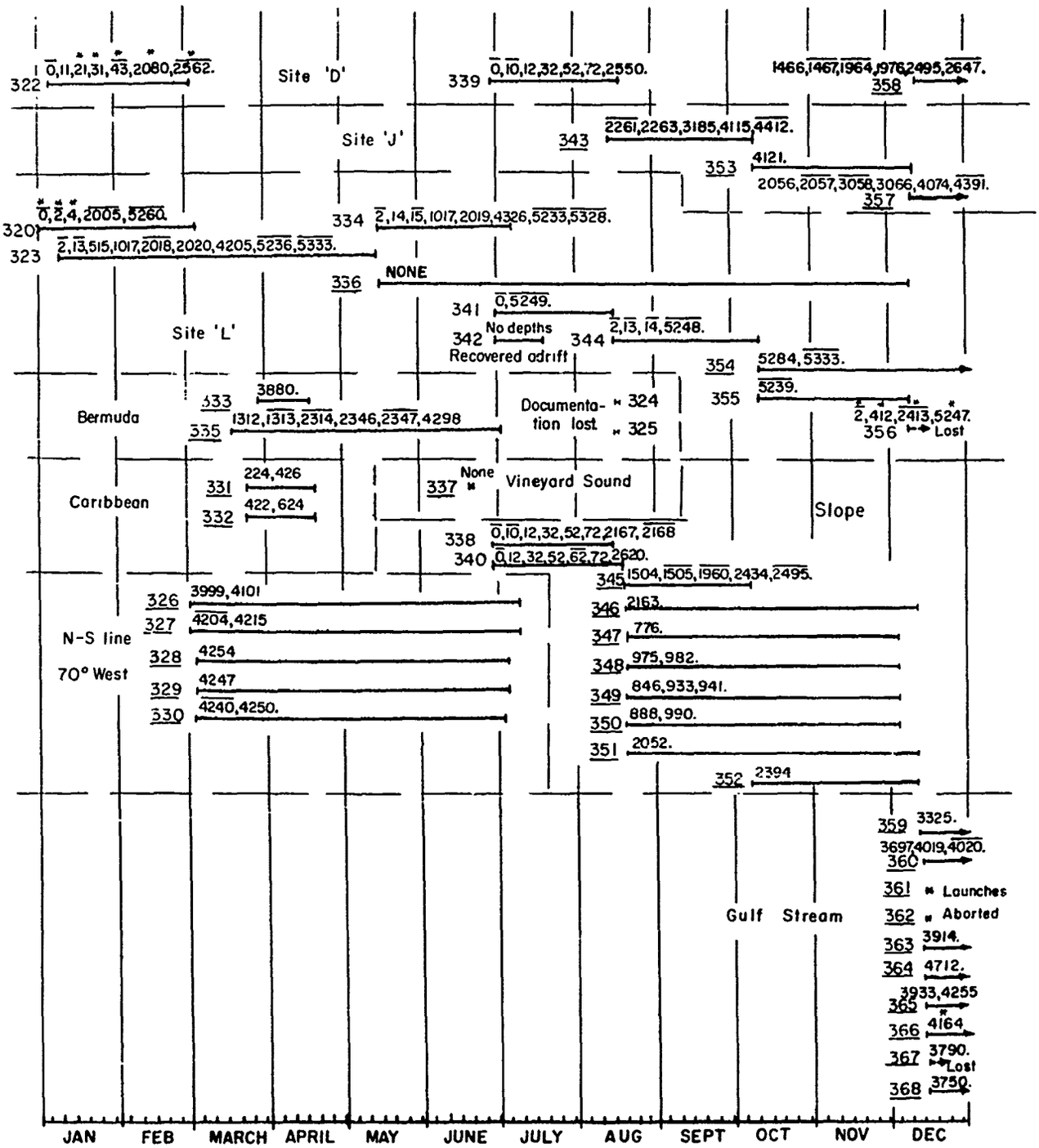

Site D
290 317
291 318
292
293
294
295
296
297
298
299
300
301
302
303
308
309
310
311
316
85°
80°
75°
70°
60°
40°
35°
30°
25°
20°
15°
10°
321
D
312
Gulf Stream
307
306
305
304
289
Mediterranean
UNITED STATES
L
313,314,315,319,
320.
BERMUDA
CUBA
CENTRAL AMERICA
SOUTH AMERICA
65°

1969


289 123,225,727,1229,1731,2233.
290 0,10,12,512,515.
Mediterranean
291 2581,2583.
292 19,56,108,508,2008.
293 2576.
294 1514,1516,1541,1566,1591,1616,1641.
295 2593.
296 1,47,48,49,99,2075,2275.
297 Wire test.
298 0,2,14,2566.
299 13,51,52,53,107,2083,2283.
300 2,13,2561.
Site 'D'
301 0,2,13,15,517,518
284 2,14,56,57,108.
302 2590.
303 None
287 2582.
308 11,13,514,2561.
288 0.
309 0,2,13,14,56,108,1005,1692,2565.
310 200,532,1044,2066.
311 0,1,1,10,50,100,101,200.
316 16.
317 0,11,13,53,105,207,1000.
313 0,12,13.
Site 'L'
318 10,50,100,206,1008.
314 0,11,12,2000,4872.
Fishbite test.
315L
315 U found adrift 15 Aug. 1970
319 2,10,12,512,2212,4839.
320 0,2,4,2005,5260
312 3988.
304 4287.
Gulf Stream
305 4227.
306 4169.
307 4082.
Vineyard Sound
321 10.
JAN
FEB
MARCH
APRIL
MAY
JUNE
JULY
AUG
SEPT
OCT
NOV
DEC
1969


Slope
338
345
346
347
348
349
Site L
323
334
336
341
342
344
354
355
356
85°
80°
75°
70°
60°
40°
35°
30°
25°
20°
15°
10°
337
340
338
D
322,339,358
363
368
362
359
367
326
361
327
365,364
360
366
J
343,353,357
L
BERMUDA
324
333
325
335
329
328
330
CUBA
CENTRAL AMERICA
SOUTH AMERICA
332
331
65°

1970


322 0,11,21,31,43,2080,2562.
Site 'D'
339 0,10,12,32,52,72,2550.
1466,1467,1964,1976,2495,2647.
358
Site 'J'
343 2261,2263,3185,4115,4412.
353 4121.
2056,2057,3058,3066,4074,4391.
357
320 0,2,4,2005,5260.
334 2,14,15,1017,2019,4326,5233,5328.
323 2,13,515,1017,2018,2020,4205,5236,5333.
336 NONE
341 0,5249.
Site 'L'
342 No depths
Recovered adrift
344 2,13,14,5248.
354 5284,5333.
355 5239.
2,412,2413,5247.
356 Lost
333 3880.
Bermuda
335 1312,1313,2314,2346,2347,4298
Documentation lost = 324
= 325
331 224,426
Caribbean
332 422,624
337 None
Vineyard Sound
Slope
338 0,10,12,32,52,72,2167,2168
340 0,12,32,52,62,72,2620.
345 1504,1505,1960,2434,2495.
326 3999,4101
346 2163.
327 4204,4215
347 776.
N-S line
70° West
328 4254
348 975,982.
329 4247
349 846,933,941.
330 4240,4250.
350 888,990.
351 2052.
352 2394
359 3325.
3697,4019,4020.
360
361 = Launches
362 = Aborted
Gulf Stream
363 3914.
364 4712.
3933,4255
365
366 4164
367 3790.
Lost
368 3750.
JAN
FEB
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MAY
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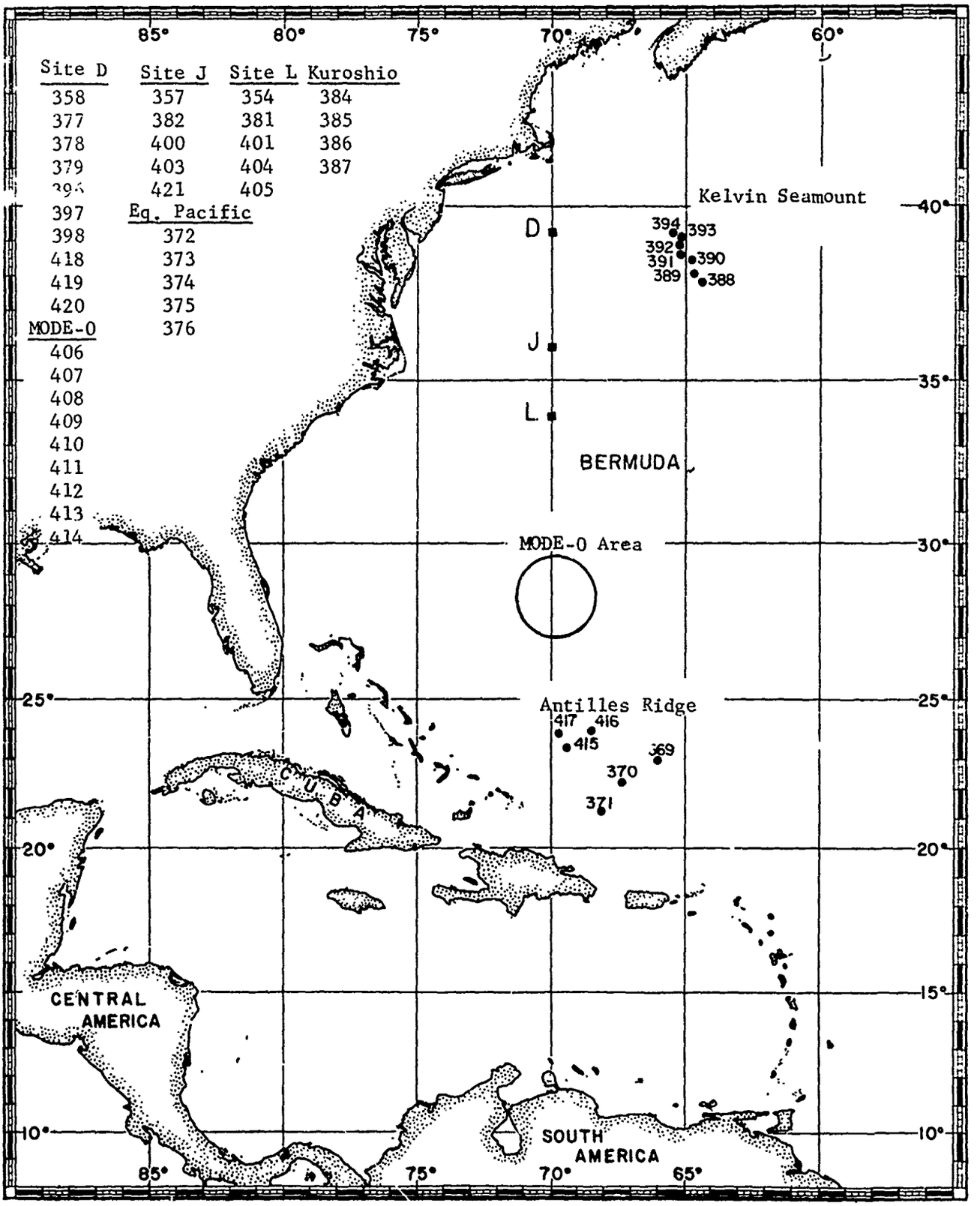
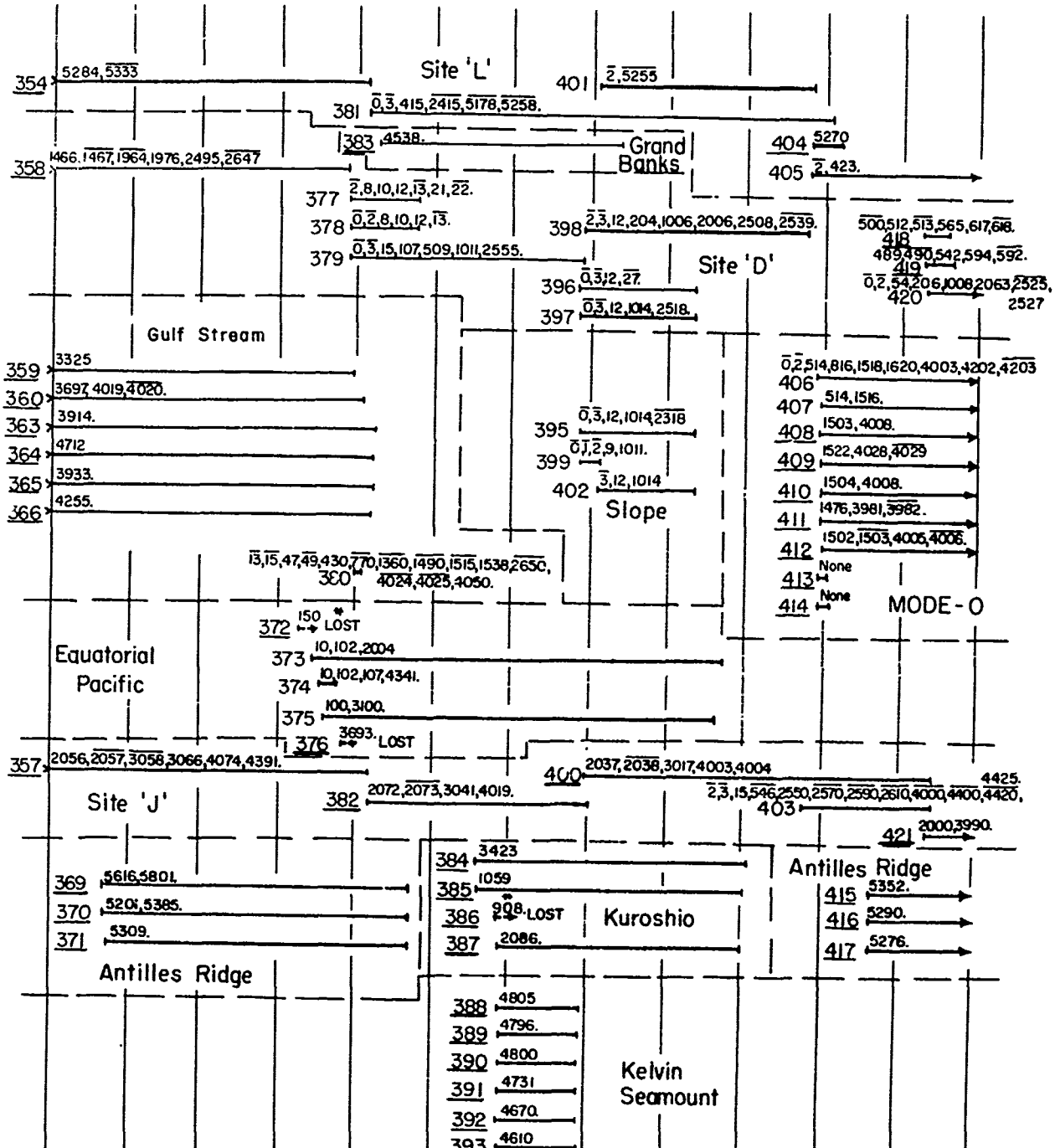
JULY
AUG
SEPT
OCT
NOV
DEC

1970


85°
80°
75°
70°
60°
Site D
Site J
Site L
Kuroshio
358
357
354
384
377
382
381
385
378
400
401
386
379
403
404
387
421
405
Eq. Pacific
397
398
372
418
373
419
374
420
375
MODE-0
376
406
407
408
409
410
411
412
413
414
Kelvin Seamount
40°
D
394
393
392
391
390
389
388
J
35°
L
BERMUDA
MODE-0 Area
30°
25°
Antilles Ridge
417
416
415
369
370
371
CUBA
20°
15°
CENTRAL AMERICA
10°
SOUTH AMERICA
65°

1971


Site 'L'
Grand Banks
Site 'D'
Gulf Stream
Slope
MODE-0
Equatorial Pacific
Site 'J'
Antilles Ridge
Kuroshio
Kelvin Seamount
Antilles Ridge
354 5284, 5333
381 0,3,415,2415,5178,5258.
383 4538.
358 1466.1467,1964,1976,2495,2647
377 2,8,10,12,13,21,22.
378 0,2,8,10,12,13.
379 0,3,15,107,509,1011,2555.
401 2,5255
404 5270
405 2,423.
398 2,3,12,204,1006,2006,2508,2539.
418 500,512,513,565,617,618.
419 489,490,542,594,592.
420 0,2,54,206,1008,2063,2525, 2527
396 0,3,12,27.
397 0,3,12,1014,2518.
359 3325
360 3697,4019,4020.
363 3914.
364 4712
365 3933.
366 4255.
395 0,3,12,1014,2318
399 0,1,2,9,1011.
402 3,12,1014
406 0,2,514,816,1518,1620,4003,4202,4203
407 514,1516.
408 1503,4008.
409 1522,4028,4029
410 1504,4008.
411 1476,3981,3982.
412 1502,1503,4006,4006.
413 None
414 None
380 13,15,47,49,430,770,1360,1490,1515,1538,2650, 4024,4025,4050.
372 150 LOST
373 10,102,2004
374 10,102,107,4341.
375 100,3100.
376 3693. LOST
357 2056,2057,3058,3066,4074,4391.
400 2037,2036,3017,4003,4004
382 2072,2073,3041,4019.
2,3,15,546,2550,2570,2590,2610,4000,4400,4420, 4425.
403
421 2000,3990.
384 3423
385 1059
386 908. LOST
387 2086.
369 5616,5801.
370 5201,5385.
371 5309.
415 5352.
416 5290.
417 5276.
388 4805
389 4796.
390 4800
391 4731
392 4670.
393 4610
394 4580.
JAN
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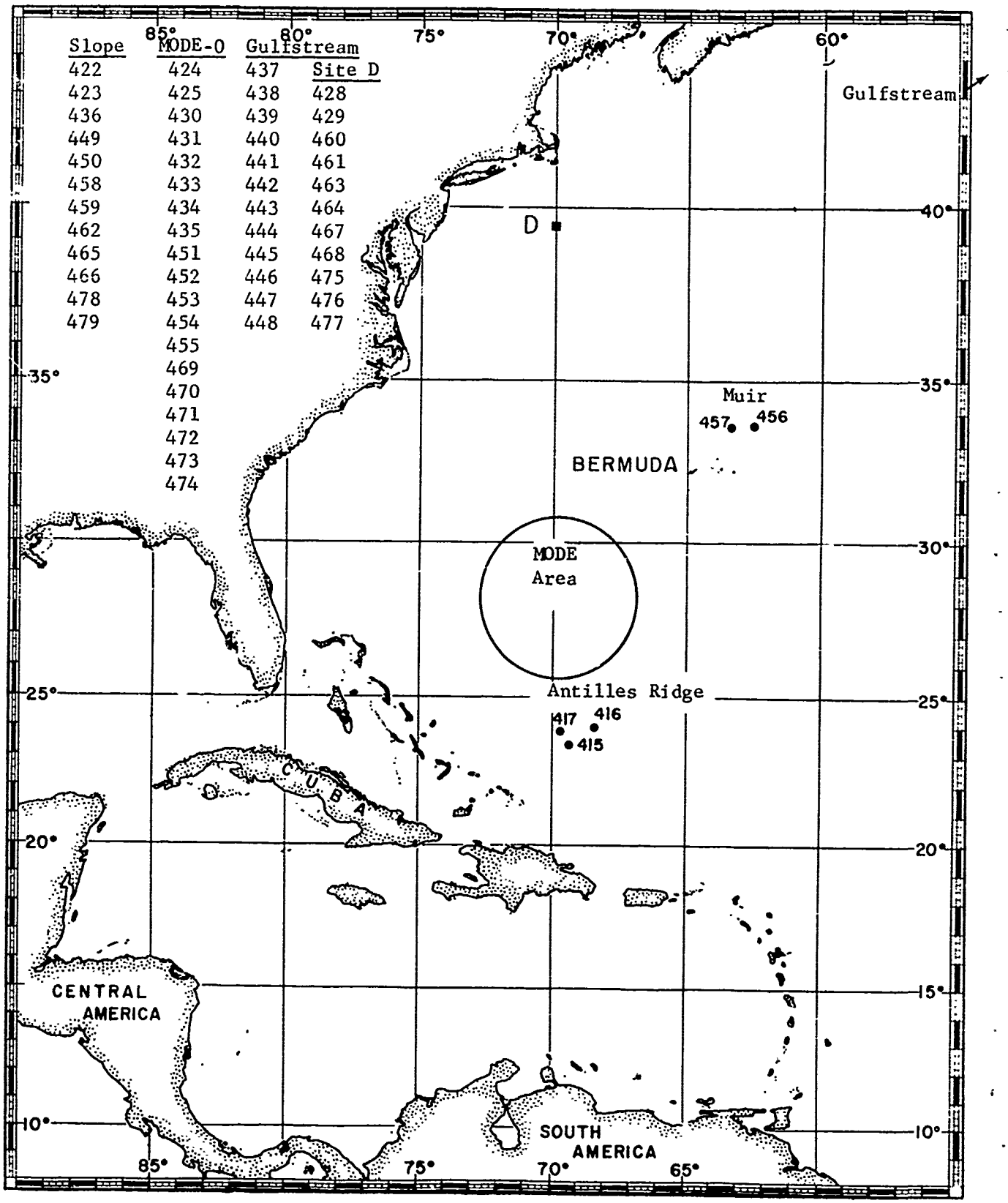
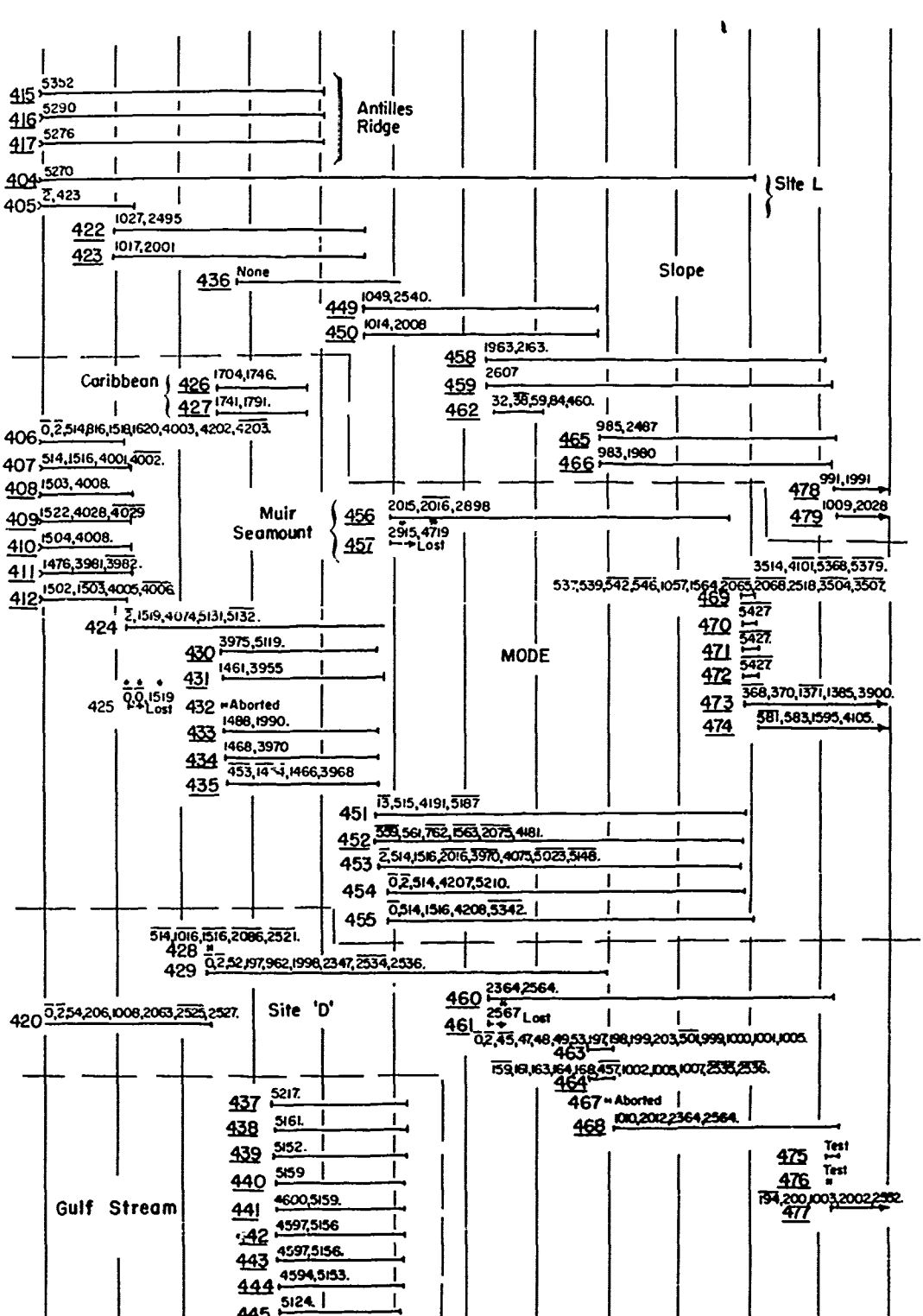
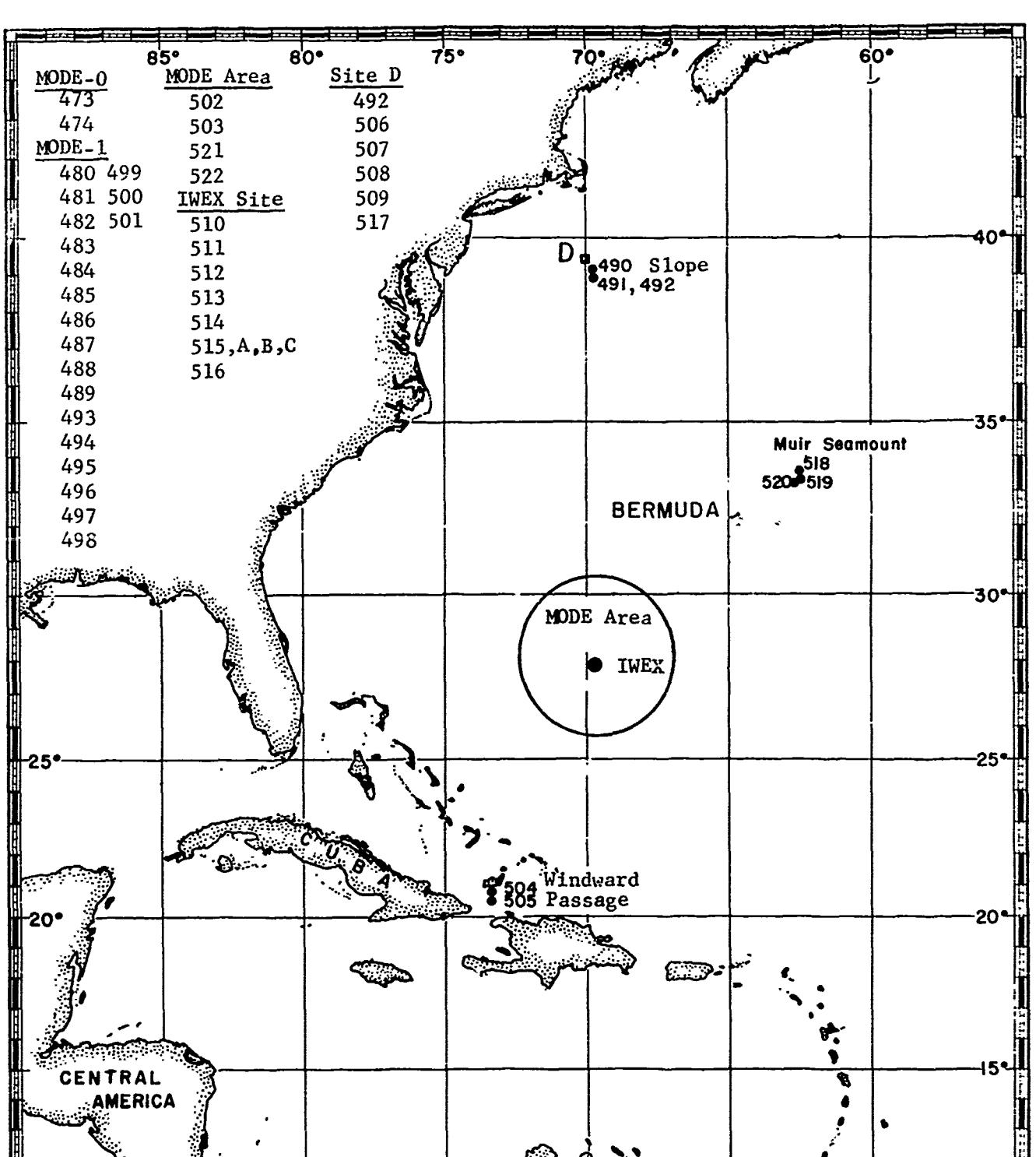
JUNE
JULY
AUG
SEPT
OCT
NOV
DEC

1971

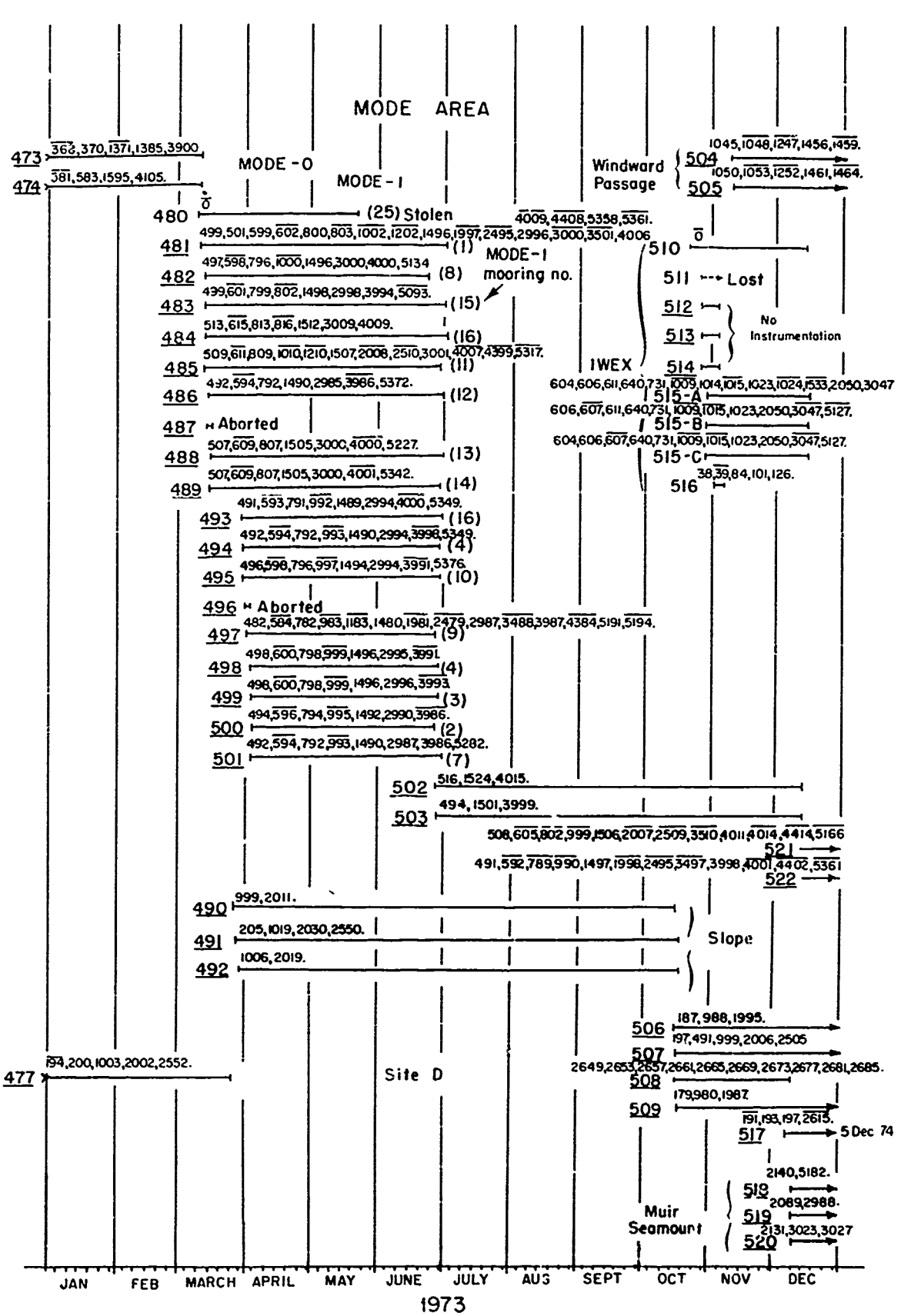

Slope
422
423
436
449
450
458
459
462
465
466
478
479
MODE-0
424
425
430
431
432
433
434
435
451
452
453
454
455
469
470
471
472
473
474
Gulfstream
437
438
439
440
441
442
443
444
445
446
447
448
Site D
428
429
460
461
463
464
467
468
475
476
477
85°
80°
75°
70°
60°
Gulfstream
40°
D
35°
Muir
457
456
BERMUDA
MODE
Area
30°
Antilles Ridge
25°
417
416
415
CUBA
20°
CENTRAL
AMERICA
15°
10°
SOUTH
AMERICA
85°
75°
70°
65°

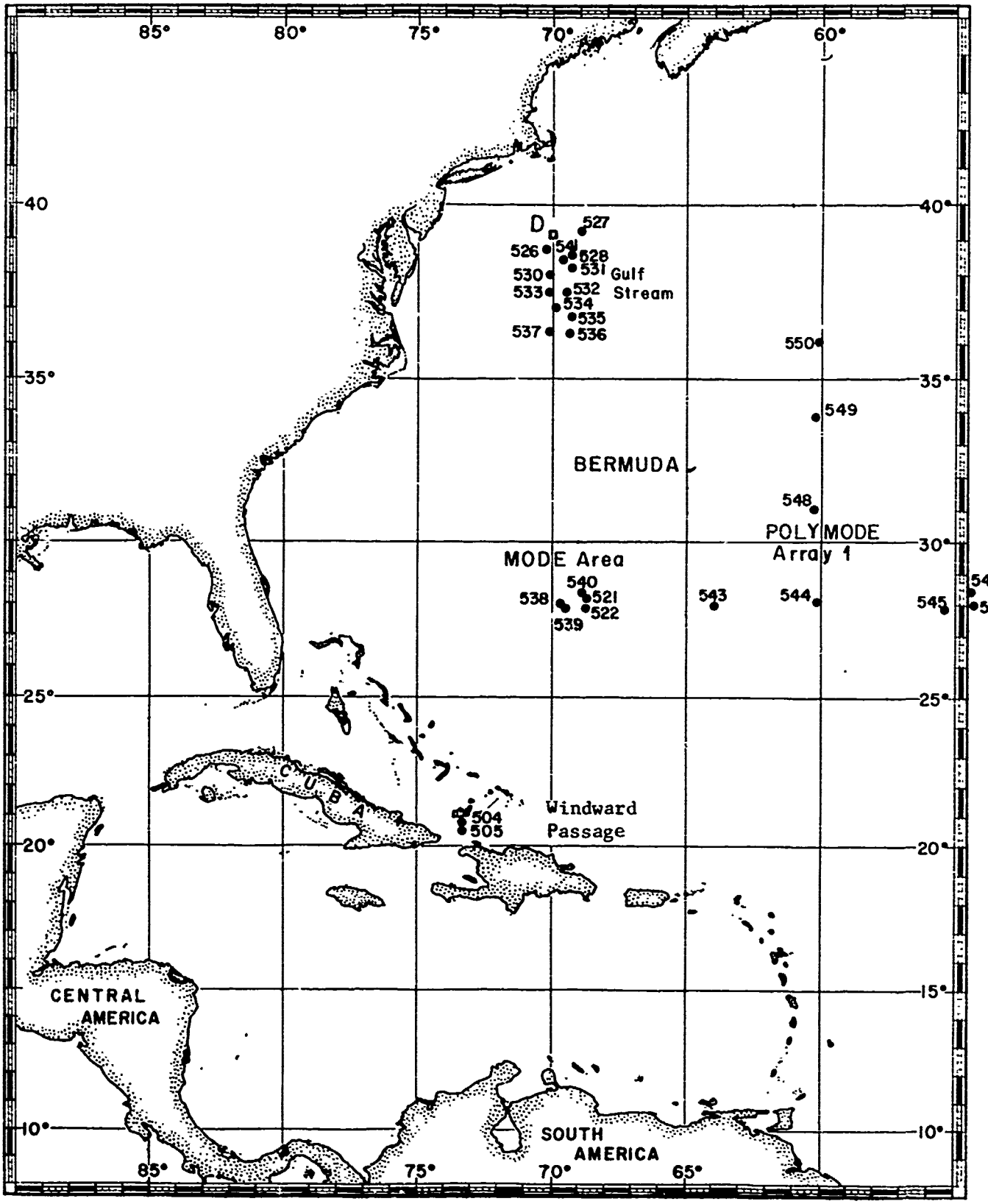
1972


Antilles Ridge
Site L
Slope
Caribbean
Muir Seamount
MODE
Site 'D'
Gulf Stream
JAN
FEB
MARCH
APRIL
MAY
JUNE
JULY
AUG
SEPT
OCT
NOV
DEC
1972

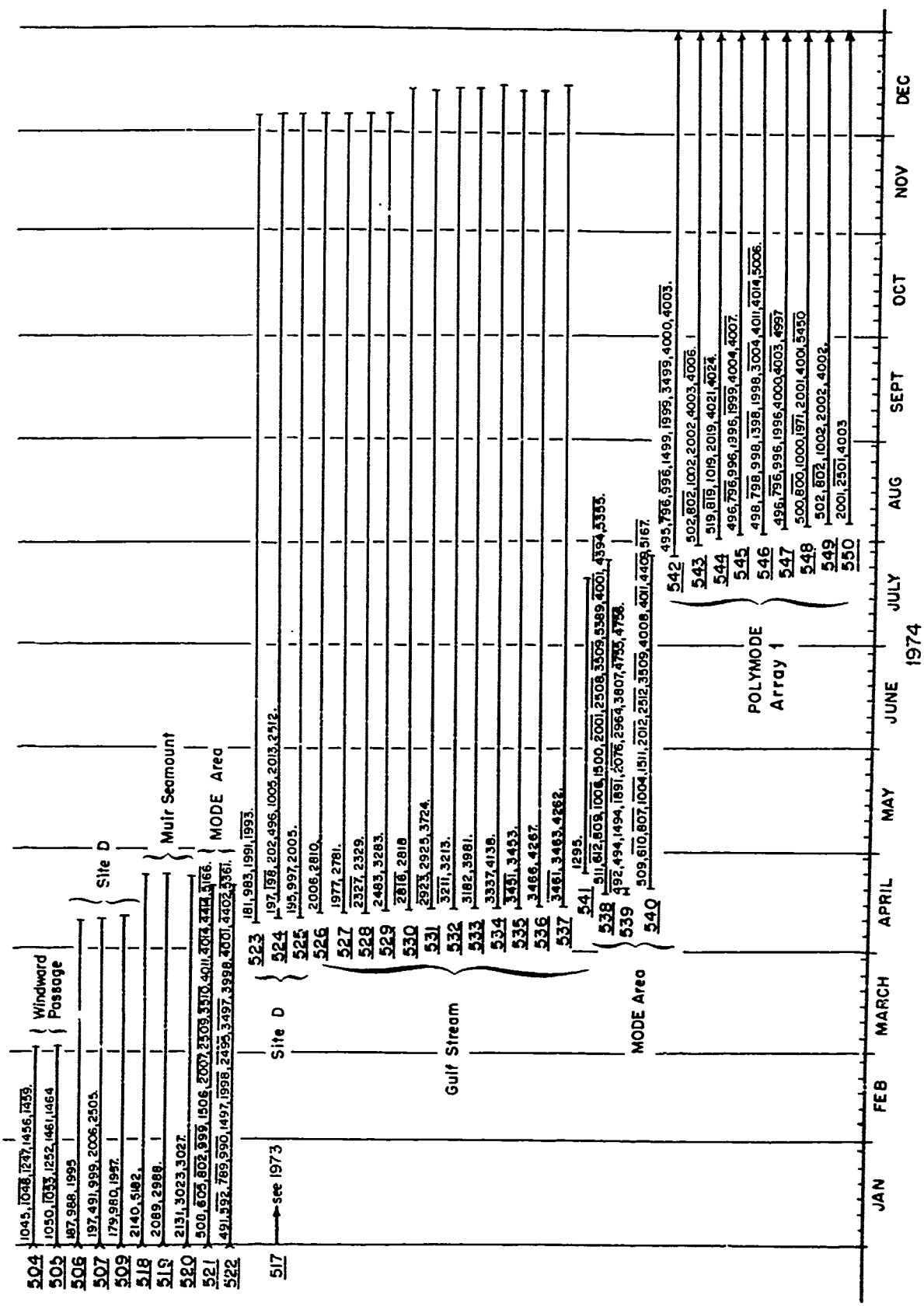

MODE-0
473
474
MODE-1
480 499
481 500
482 501
483
484
485
486
487
488
489
493
494
495
496
497
498
MODE Area
502
503
521
522
IWEX Site
510
511
512
513
514
515,A,B,C
516
Site D
492
506
507
508
509
517
D
490 Slope
491, 492
Muir Seamount
518
520
519
BERMUDA
MODE Area
IWEX
CUBA
504
505
Windward
Passage
CENTRAL
AMERICA
SOUTH
AMERICA
85°
80°
75°
70°
60°
65°
40°
35°
30°
25°
20°
15°
10°

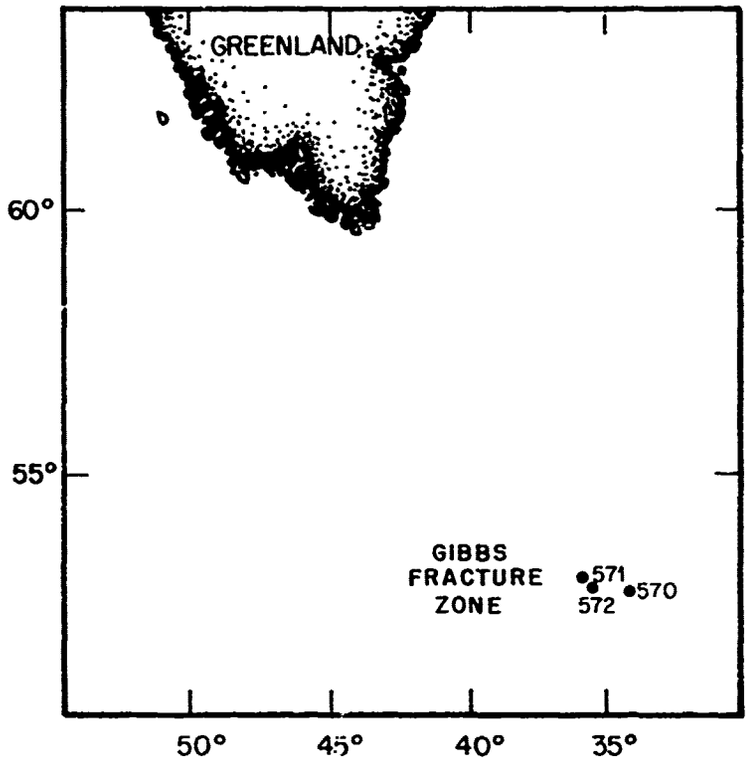
1973

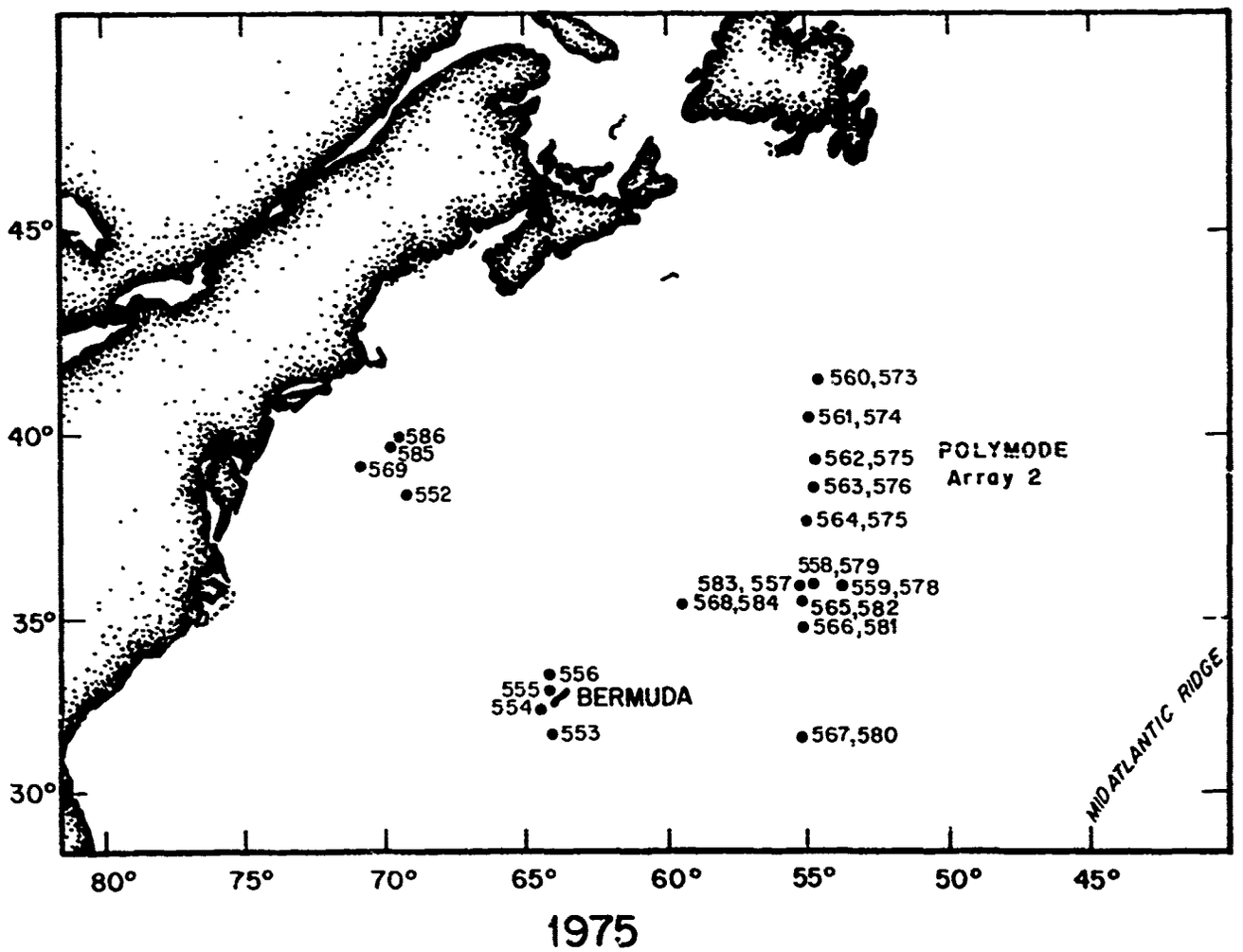

MODE AREA
MODE-0
MODE-1
MODE-1 mooring no.
Windward Passage
IWEX
Site D
Slope
Muir Seamount
No Instrumentation
Lost
Aborted
Aborted
(25) Stolen
5 Dec 74
473 363,370,1371,1385,3900
474 381,583,1595,4105.
480 δ
481 499,501,599,602,800,803,1002,1202,1496,1997,2495,2996,3000,3501,4006 (1)
482 497,598,796,1000,1496,3000,4000,5134 (8)
483 439,601,799,802,1496,2998,3994,5093. (15)
484 513,615,813,816,1512,3009,4009. (16)
485 509,611,809,1010,1210,1507,2008,2510,3001,4007,4399,5317. (11)
486 492,594,792,1490,2985,3986,5372. (12)
487
488 507,609,807,1505,3000,4000,5227. (13)
489 507,609,807,1505,3000,4001,5342. (14)
493 491,593,791,992,1489,2994,4000,5349. (16)
494 492,594,792,993,1490,2994,3998,5349. (4)
495 496,598,796,997,1494,2994,3991,5376. (10)
496
497 482,584,782,983,1183,1480,1981,2479,2987,3488,3987,4384,5191,5194. (9)
498 498,600,798,999,1496,2995,3991. (4)
499 498,600,798,999,1496,2996,3993. (3)
500 494,596,794,995,1492,2990,3986. (2)
501 492,594,792,993,1490,2987,3986,5282. (7)
502 516,1524,4015.
503 494,1501,3999.
4009,4408,5358,5361.
510 δ
511
512
513
514
515-A 604,606,611,640,731,1009,1014,1015,1023,1024,1533,2050,3047
515-B 606,607,611,640,731,1009,1015,1023,2050,3047,5127.
515-C 604,606,607,640,731,1009,1015,1023,2050,3047,5127.
516 38,39,84,101,126.
504 1045,1048,1247,1456,1459.
505 1050,1053,1252,1461,1464.
508,605,802,999,1506,2007,2509,3510,4011,4014,4414,5166
521
491,592,789,990,1497,1998,2495,3497,3998,4001,4402,5361
522
490 999,2011.
491 205,1019,2030,2550.
492 1006,2019.
506 187,988,1995.
507 197,491,999,2006,2505
2649,2653,2657,2661,2665,2669,2673,2677,2681,2685.
508 179,980,1987
509 191,193,197,2615.
517
2140,5182.
518 2089,2988.
519 2131,3023,3027
520
477 194,200,1003,2002,2552.
JAN
FEB
MARCH
APRIL
MAY
JUNE
JULY
AUG
SEPT
OCT
NOV
DEC
1973


85°
80°
75°
70°
60°
40°
35°
30°
25°
20°
15°
10°
65°
D
527
526
541
528
530
531
Gulf
533
532
Stream
534
535
537
536
550
549
BERMUDA
548
POLYMODE
Array 1
MODE Area
540
538
521
543
544
547
545
546
522
539
CUBA
504
505
Windward
Passage
CENTRAL
AMERICA
SOUTH
AMERICA

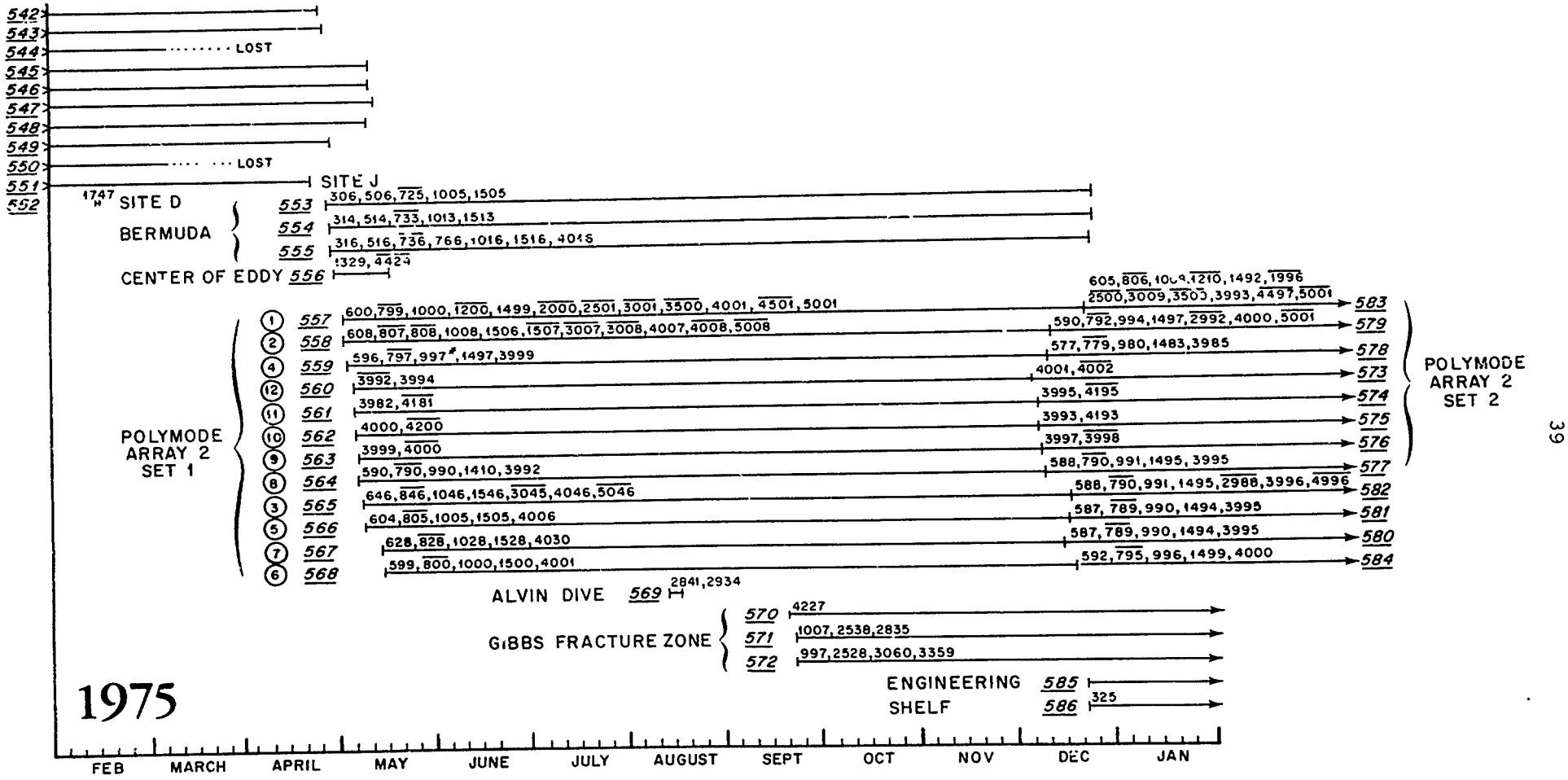
1974

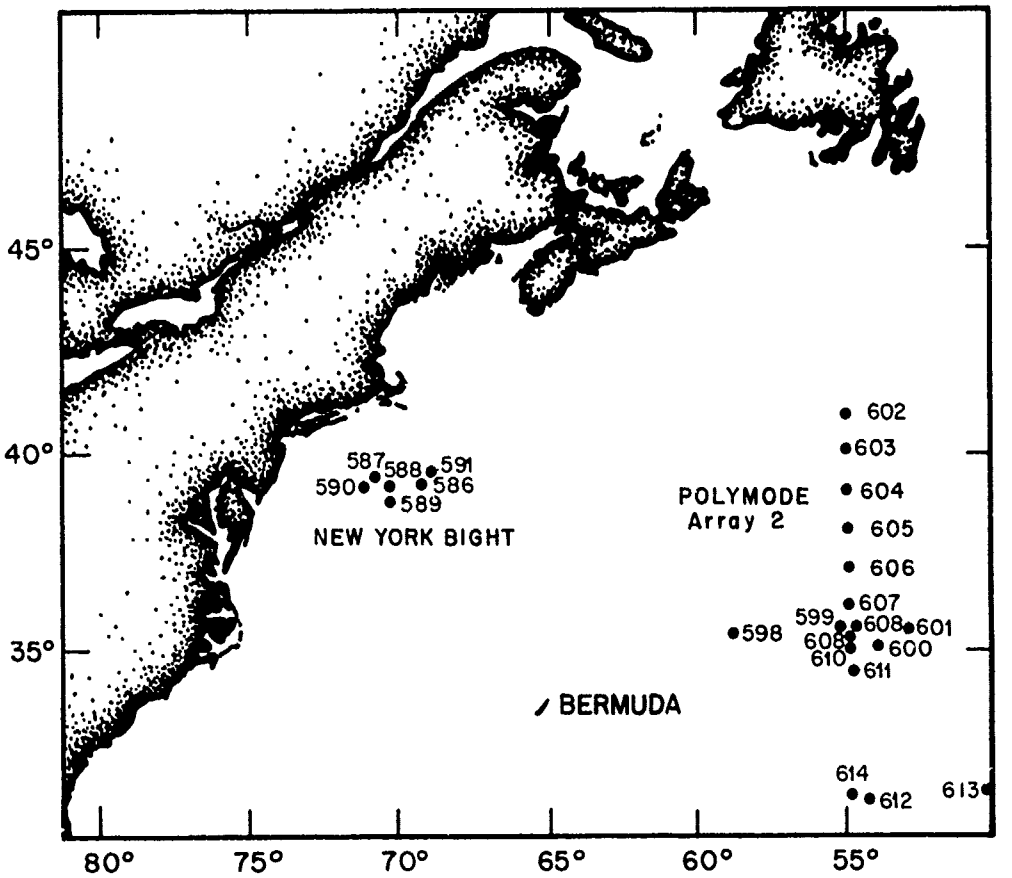

JAN
FEB
MARCH
APRIL
MAY
JUNE
JULY
AUG
SEPT
OCT
NOV
DEC
1974
Windward Passage
Site D
Muir Seamount
MODE Area
Gulf Stream
POLYMODE Array 1
see 1973
504 1045, 1048, 1247, 1456, 1459.
505 1050, 1053, 1252, 1461, 1464
506 487, 988, 1995
507 197, 491, 999, 2006, 2505.
509 179, 980, 1997.
518 2140, 5182.
519 2089, 2988.
520 2131, 3023, 3027.
521 500, 602, 802, 999, 1506, 2007, 2509, 3510, 4011, 4014, 4444, 4766.
522 491, 592, 789, 990, 1497, 1998, 2495, 3497, 3998, 4001, 4402, 4761.
517
523 181, 983, 1991, 1993.
524 197, 198, 202, 496, 1005, 2013, 2512.
525 195, 997, 2005.
526 2006, 2810.
527 1977, 2781.
528 2327, 2329.
529 2483, 3283.
530 2816, 2818
531 2923, 2925, 3724.
532 3211, 3213.
533 3182, 3981.
534 3337, 4138.
535 3451, 3453.
536 3466, 4267.
537 3461, 3463, 4282.
541 1295.
538 511, 612, 808, 1004, 1500, 2001, 2508, 3509, 5389, 4001, 4394, 5355.
539 492, 494, 1494, 1891, 2076, 2964, 3807, 4735, 4758.
540 509, 610, 807, 1004, 1511, 2012, 2512, 3509, 4008, 4011, 4469, 5167.
542 495, 796, 996, 1499, 1999, 3499, 4000, 4003.
543 502, 802, 1002, 2002, 4003, 4006.
544 519, 819, 1019, 2019, 4021, 4024.
545 496, 796, 996, 1996, 1999, 4004, 4007.
546 498, 798, 998, 1398, 1998, 3004, 4011, 4014, 5006.
547 496, 796, 996, 1996, 4000, 4003, 4997
548 500, 800, 1000, 1971, 2001, 4001, 5450
549 502, 802, 1002, 2002, 4002.
550 2001, 2301, 4003

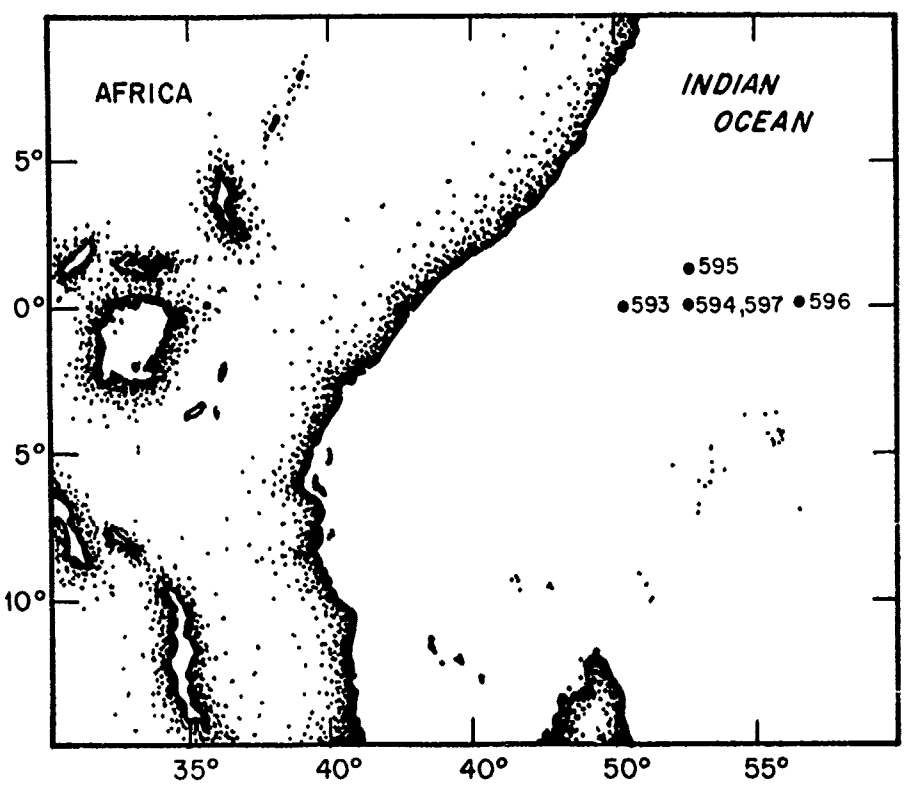

GREENLAND
60°
55°
GIBBS
FRACTURE
ZONE
571
572
570
50°
45°
40°
35°


45°
40°
35°
30°
586
585
569
552
560,573
561,574
562,575
563,576
564,575
POLYMODE
Array 2
558,579
583, 557
559,578
568,584
565,582
566,581
556
555
554
BERMUDA
553
567,580
MIDATLANTIC RIDGE
80°
75°
70°
65°
60°
55°
50°
45°

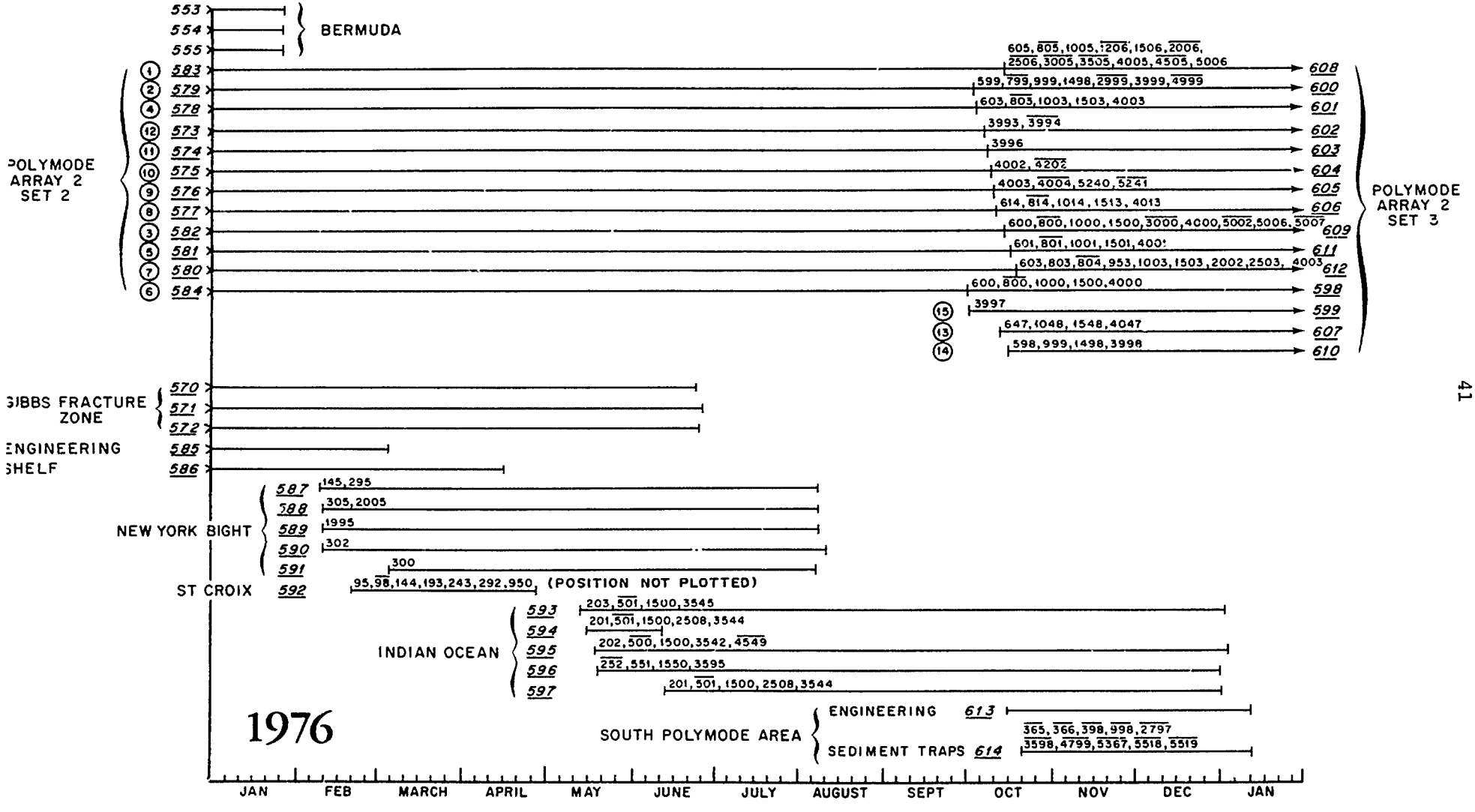
1975

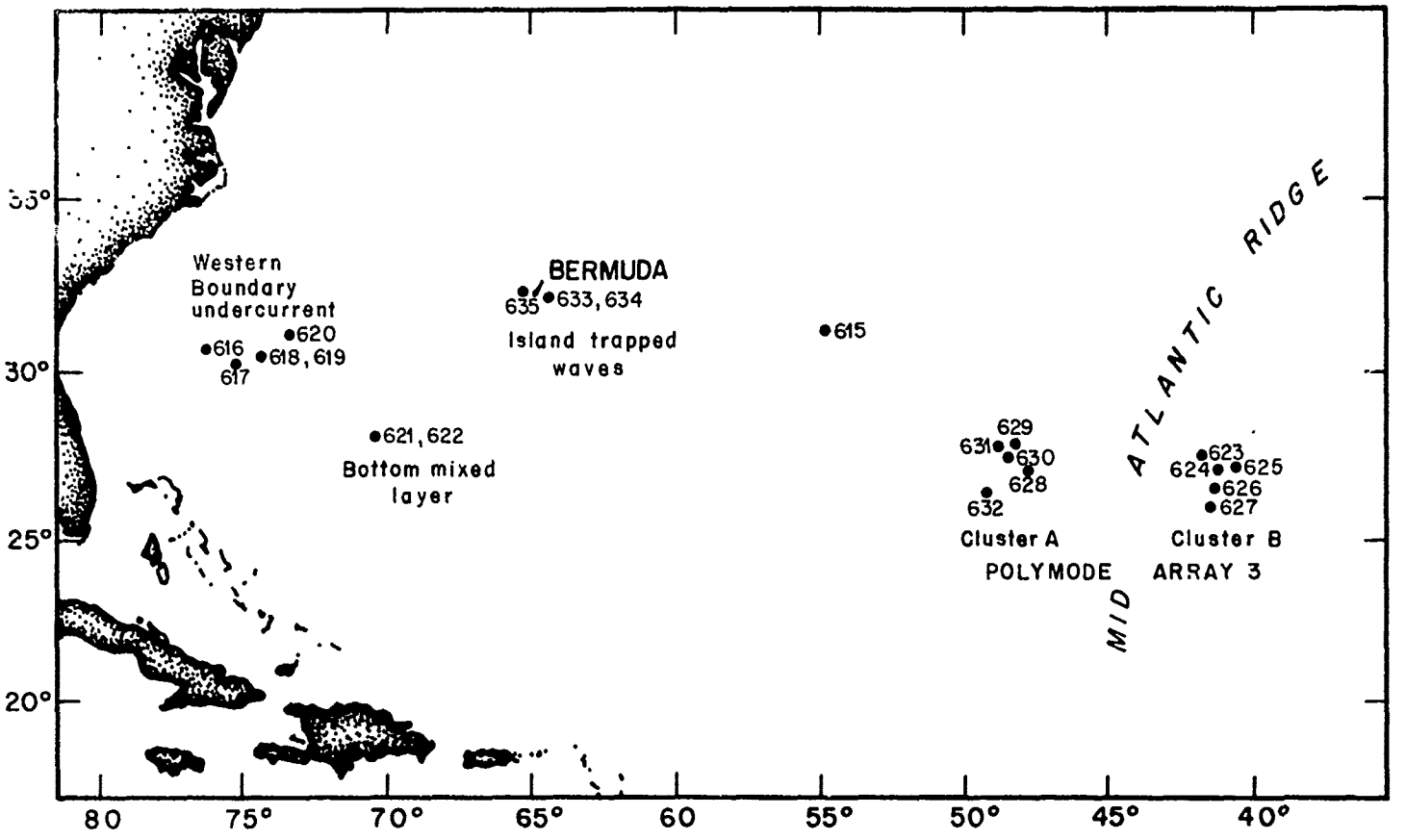

542
543
544 ..... LOST
545
546
547
548
549
550 ..... LOST
551 SITE J
552 1747 N SITE D
BERMUDA
553 306,506,725,1005,1505
554 314,514,733,1013,1513
555 316,516,736,766,1016,1516,4015
1329,4424
CENTER OF EDDY 556
POLYMODE ARRAY 2 SET 1
1 557 600,799,1000,1200,1499,2000,2501,3001,3500,4001,4501,5001
2 558 608,807,808,1008,1506,1507,3007,3008,4007,4008,5008
4 559 596,797,997*,1497,3999
12 560 3992,3994
11 561 3982,4181
10 562 4000,4200
9 563 3999,4000
8 564 590,790,990,1410,3992
3 565 646,846,1046,1546,3045,4046,5046
5 566 604,805,1005,1505,4006
7 567 628,828,1028,1528,4030
6 568 599,800,1000,1500,4001
605,806,1009,1210,1492,1996
2500,3009,3505,3993,4497,5001 583
590,792,994,1497,2992,4000,5001 579
577,779,980,1483,3985 578
4001,4002 573
3995,4195 574
3993,4193 575
3997,3998 576
588,790,991,1495,3995 577
588,790,991,1495,2988,3996,4996 582
587,789,990,1494,3995 581
587,789,990,1494,3995 580
592,795,996,1499,4000 584
POLYMODE ARRAY 2 SET 2
ALVIN DIVE 569 2841,2934
GIBBS FRACTURE ZONE
570 4227
571 1007,2538,2835
572 997,2528,3060,3359
ENGINEERING 585
SHELF 586 325
1975
FEB
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPT
OCT
NOV
DEC
JAN

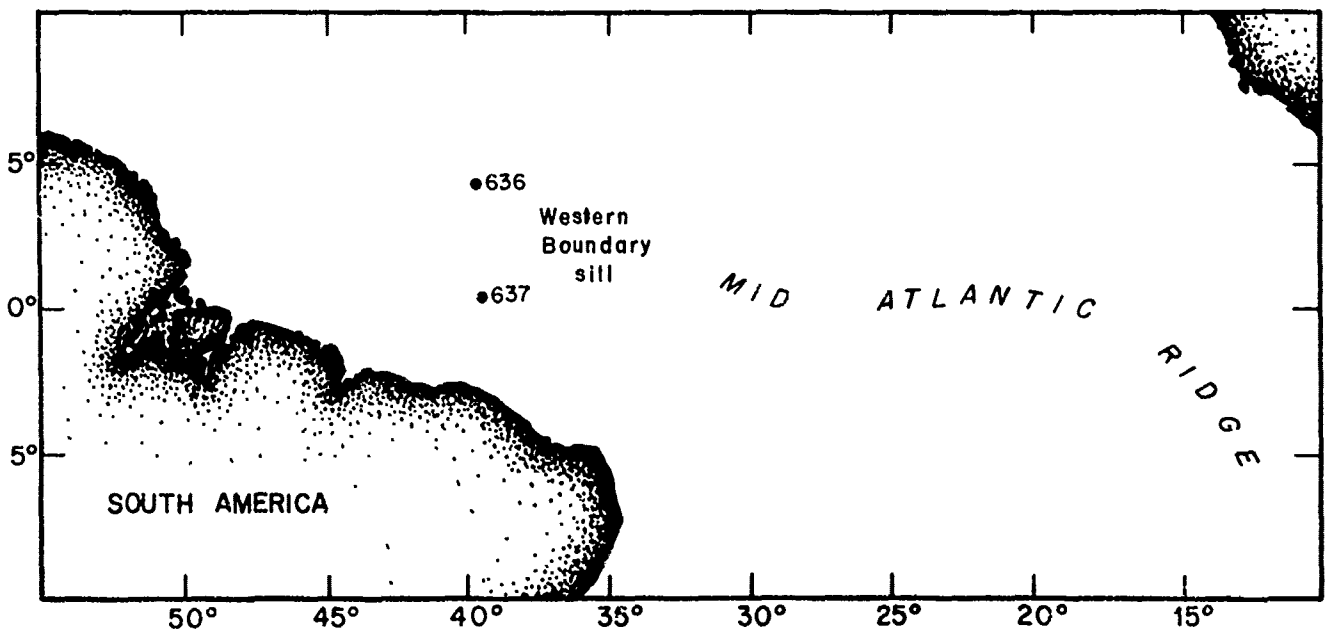

45°
40°
35°
80°
75°
70°
65°
60°
55°
587
588
591
590
586
589
NEW YORK BIGHT
POLYMODE
Array 2
602
603
604
605
606
607
599
608
601
598
608
600
610
611
BERMUDA
614
612
613


AFRICA
INDIAN
OCEAN
5°
0°
5°
10°
35°
40°
40°
50°
55°
595
593
594,597
596

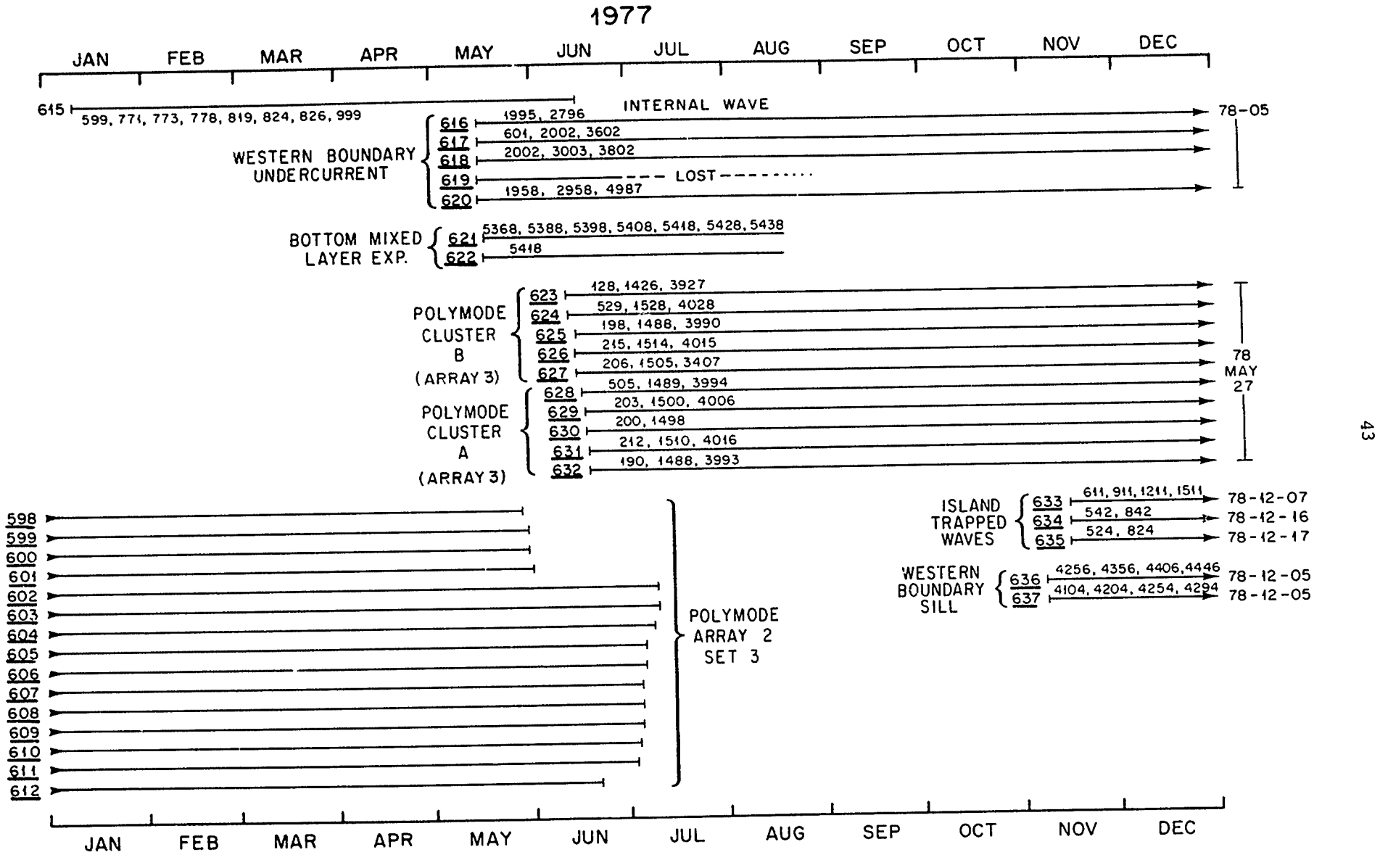
1976

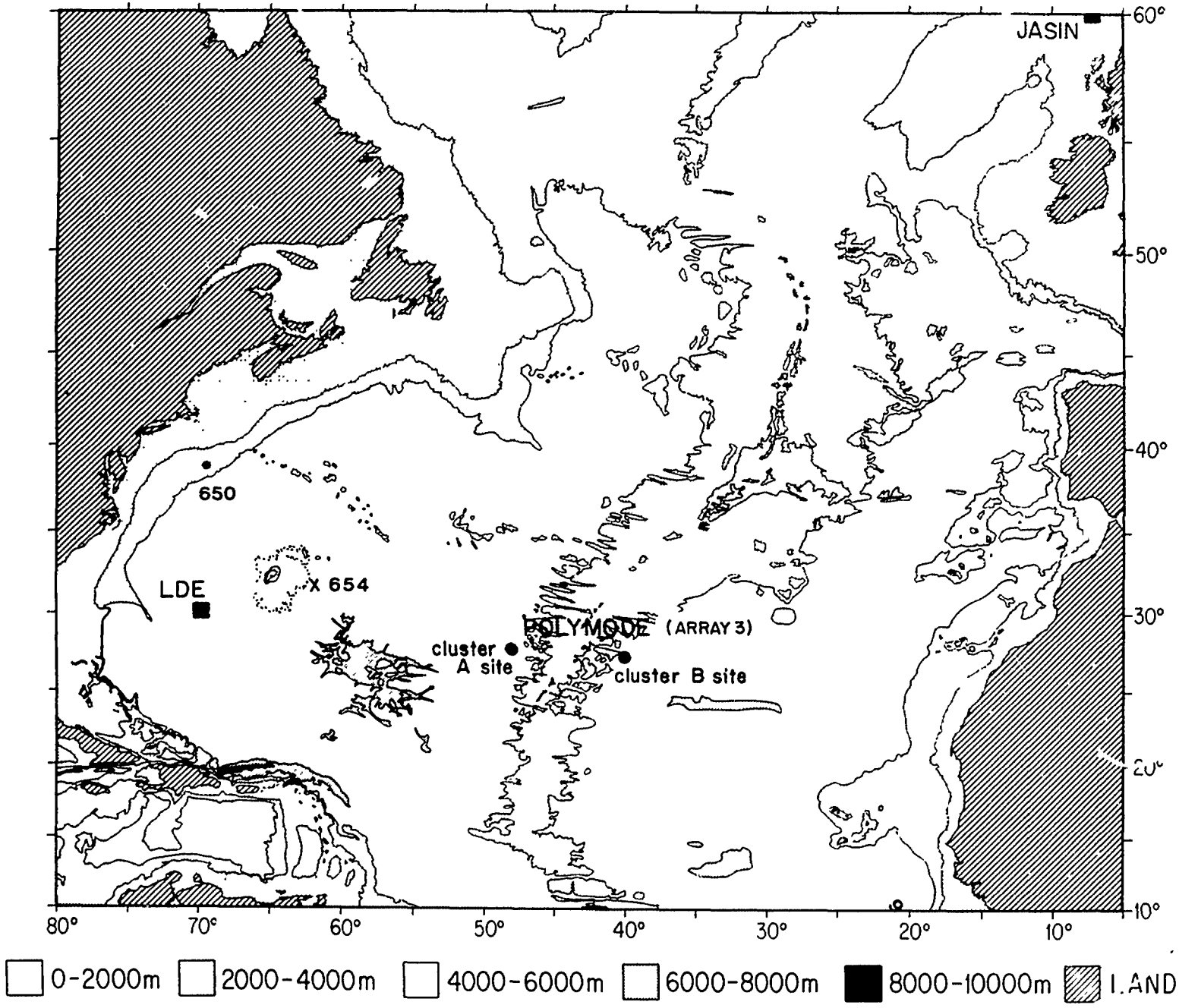

553
554
555
BERMUDA
POLYMODE ARRAY 2 SET 2
583
579
578
573
574
575
576
577
582
581
580
584
605, 805, 1005, 1206, 1506, 2006, 2506, 3005, 3505, 4005, 4505, 5006
608
599, 799, 999, 1498, 2999, 3999, 4999
600
603, 803, 1003, 1503, 4003
601
3993, 3994
602
3996
603
4002, 4202
604
4003, 4004, 5240, 5241
605
614, 814, 1014, 1513, 4013
606
600, 800, 1000, 1500, 3000, 4000, 5002, 5006, 5007
609
601, 801, 1001, 1501, 400:
611
603, 803, 804, 953, 1003, 1503, 2002, 2503, 4003
612
600, 800, 1000, 1500, 4000
598
3997
599
647, 1048, 1548, 4047
607
598, 999, 1498, 3998
610
POLYMODE ARRAY 2 SET 3
GIBBS FRACTURE ZONE
570
571
572
ENGINEERING
585
SHELF
586
NEW YORK BIGHT
587
145, 295
588
305, 2005
589
1995
590
302
591
300
ST CROIX
592
95, 98, 144, 193, 243, 292, 950 (POSITION NOT PLOTTED)
INDIAN OCEAN
593
203, 501, 1500, 3545
594
201, 501, 1500, 2508, 3544
595
202, 500, 1500, 3542, 4549
596
252, 551, 1550, 3595
597
201, 501, 1500, 2508, 3544
1976
SOUTH POLYMODE AREA
ENGINEERING 613
SEDIMENT TRAPS 614
365, 366, 398, 998, 2797
3598, 4799, 5367, 5518, 5519
JAN
FEB
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPT
OCT
NOV
DEC
JAN


35°
30°
25°
20°
80
75°
70°
65°
60
55°
50°
45°
40°
Western
Boundary
undercurrent
620
616
618, 619
617
BERMUDA
635
633, 634
Island trapped
waves
615
621, 622
Bottom mixed
layer
629
631
630
628
632
623
624
625
626
627
Cluster A
Cluster B
POLYMODE ARRAY 3
MID ATLANTIC RIDGE

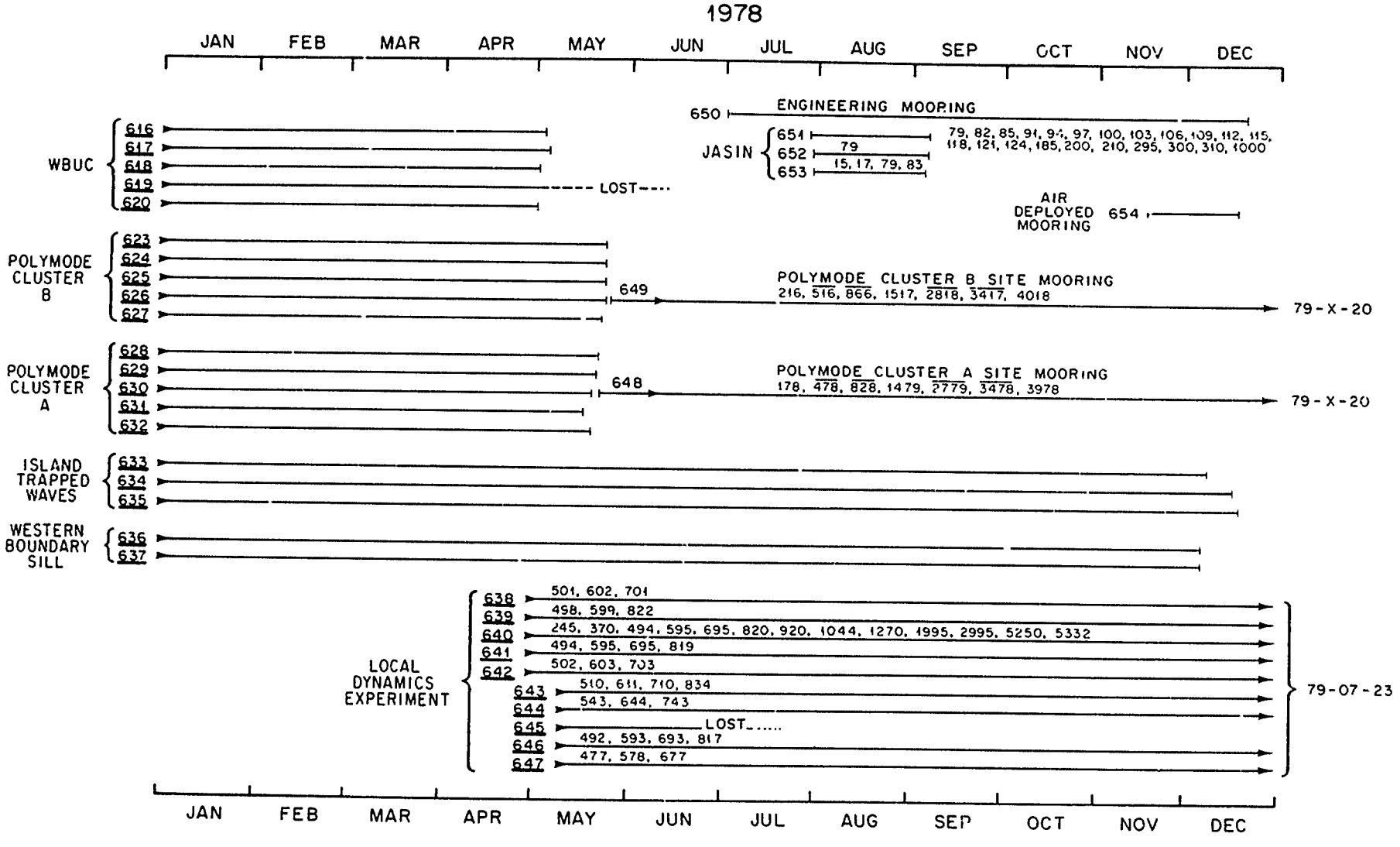

5°
0°
5°
636
Western
Boundary
sill
637
MID ATLANTIC RIDGE
SOUTH AMERICA
50°
45°
40°
35°
30°
25°
20°
15°

1977


1977
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
615
599, 771, 773, 778, 819, 824, 826, 999
INTERNAL WAVE
WESTERN BOUNDARY UNDERCURRENT
616
1995, 2796
617
601, 2002, 3602
618
2002, 3003, 3802
619
LOST
620
1958, 2958, 4987
78-05
BOTTOM MIXED LAYER EXP.
621
5368, 5388, 5398, 5408, 5418, 5428, 5438
622
5418
POLYMODE CLUSTER B (ARRAY 3)
623
128, 1426, 3927
624
529, 1528, 4028
625
198, 1488, 3990
626
215, 1514, 4015
627
206, 1505, 3407
POLYMODE CLUSTER A (ARRAY 3)
628
505, 1489, 3994
629
203, 1500, 4006
630
200, 1498
631
212, 1510, 4016
632
190, 1488, 3993
78 MAY 27
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
POLYMODE ARRAY 2 SET 3
ISLAND TRAPPED WAVES
633
611, 911, 1211, 1511
78-12-07
634
542, 842
78-12-16
635
524, 824
78-12-17
WESTERN BOUNDARY SILL
636
4256, 4356, 4406, 4446
78-12-05
637
4104, 4204, 4254, 4294
78-12-05


JASIN
650
LDE
X 654
POLYMODE (ARRAY 3)
cluster A site
cluster B site
60°
50°
40°
30°
20°
10°
80°
70°
60°
50°
40°
30°
20°
10°
0-2000m
2000-4000m
4000-6000m
6000-8000m
8000-10000m
LAND

1978


1978
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
650
ENGINEERING MOORING
WBUC
616
617
618
619
620
LOST
JASIN
654
652
653
79
15, 17, 79, 83
79, 82, 85, 91, 94, 97, 100, 103, 106, 109, 112, 115, 118, 121, 124, 185, 200, 210, 295, 300, 310, 1000
AIR DEPLOYED MOORING
654
POLYMODE CLUSTER B
623
624
625
626
627
649
POLYMODE CLUSTER B SITE MOORING
216, 516, 866, 1517, 2818, 3417, 4018
79-X-20
POLYMODE CLUSTER A
628
629
630
631
632
648
POLYMODE CLUSTER A SITE MOORING
178, 478, 828, 1479, 2779, 3478, 3978
79-X-20
ISLAND TRAPPED WAVES
633
634
635
WESTERN BOUNDARY SILL
636
637
LOCAL DYNAMICS EXPERIMENT
638
501, 602, 701
639
498, 599, 822
640
245, 370, 494, 595, 695, 820, 920, 1044, 1270, 1995, 2995, 5250, 5332
641
494, 595, 695, 819
642
502, 603, 703
643
510, 611, 710, 834
644
543, 644, 743
645
LOST
646
492, 593, 693, 817
647
477, 578, 677
79-07-23
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC

SECTION B LIST OF ALL RECOVERED DATA

A list by year and mooring number of all data recorded and archived by the Data Processing section of the Moored Array Project.

Description of Heading - There are two formatted lines, a mooring line and an instrument data line.

EXAMPLE OF PAGE HEADING

```
*MOORING - - - - - - - - - - - - - - - - - - - - - - - - - - - -
*NO.*TYPE*DEPTH*LATITUDE*  LONG. *DAYS*  SET      /RECOVERED *REPORT* COMMENTS
  *DATA - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
  * NO. *DEPTH*INSTR.* SAMPLING *DAYS*DATA START* VARIABLES*REPORT* COMMENTS
------ ------------------------------------------------------------------
```

*Mooring -	Moorings are numbered chronologically. There are a few exceptions in the early years when documentation was more casual.
Type	Usually SURface, SUBsurface, INTermediate, BoTtoM, SPEcial (see comments) or TRI-mooring
Depth	Water depth or instrument depth in meters.
Latitude Long.*	Position.
Days	Mooring days on station or instrument recorded days. As instruments were turned on some time before setting and turned off after retrieval, the data days may be longer than the mooring days. A zero means less than a day. A ? means unknown.
Set/Recovered	Year-month-day mooring was set or retrieved.
Report	Numbered W.H.O.I. Technical Report describing the data. Letters instead of numbers mean report in preparation.
Comments	Comments, location designation (Site D) or experiment name.

List of Sites on 70° 00'W

Site D 39° 20'N

Site F 38° 30'N

Site G 38° 00'N

Site H 37° 30'N

Site J 36° 00'N

Site L 34° 00'N

Site M 33° 00'N

Site P 30° 00'N

List of Experiment Acronyms

MODE Mid-Ocean Dynamics Experiment

SCOR UNESCO Working Group on continuous current velocity measurements

IWEX Internal Wave Experiment

POLYMODE
International experiment aimed at understanding the role of large scale eddies in ocean circulation

INDEX Indian Ocean Experiment

JASIN Joint Air-Sea Interaction

*Data - *No.* Mooring number plus instrument position number, counting from the top of the mooring line.

Instr. Instrument series and instrument serial number

G- Film recording instrument G-code

H- Film recording instruments H-Code

T- Prototype tape recording instruments

M- Model 850 tape recording instruments

D- Digitizing instrument

DT- VACM modified to measure temperature difference

VACM- Vector Averaging Current Meter

W- Wind recorder

TP- Draper Lab temperature depth recorder

Sampling There are two modes of sampling measured in seconds: continuous or interval. Continuous series have samples evenly spaced in time (e.g., 5 or 900 seconds). Interval series are burst sampled. Bursts of data (usually 15-24 samples) were taken at a specified rate (5 or 5.27 seconds). Then wait until the next recording cycle (frequently 900 or 3600 seconds (15 minutes, 1 hour)). Thus 5.27/1800 is burst sampled data with consecutive bursts of 5.27 second samples every half hour (1800 seconds).

A 5 second sampling rate indicates a mechanical clock; the 5.27 rate a crystal clock. An E following a number means the film was read and keypunched manually (eyeballed).

Model 850 and VACM Sampling Times Conversion

Seconds	Minutes	or hours	or days
112.5	1 7/8		
225	3 3/4		
450	7 1/2		
900	15		
1800	30	1/2	
3600	60	1	
7200		2	
86400		24	1

T/P Sampling Times Conversion

960	16	
1920	32	
86400		1

Data Start Year-month-day of first recorded data which may include laboratory or shipboard data.

Variables The first initial of each variable. For a current meter:

C = Compass
V = Vane
D = Direction
S = Speed
T = Time
E = East component
N = North component
P = Pressure
R = Rotor speed (scalar speed)
B = Bearing (compass + vane + magnetic variation)

A second T = Temperature

A third T = either temperature or TDIF (Temperature Difference)

For a temperature/pressure (T/P) recorder;

T = Temperature or time
P = Pressure or pressure difference
D = Depth
C = Corrected temperature

GLOSSARY

ALVIN	W.H.O.I. research submarine
Compound Mooring	A mooring that uses a combination of wire rope (in the fishbite zone) and synthetic rope.
Switch Channels	Model 850 tape cartridges have two channels. At the end of recording on one channel the instrument should switch and write on the second channel. At the end of channel 2 it should stop.
Rotor 1 Bit Modification	A VACM modification to cause vane and compass readings to be recorded even when there are no rotor counts in the recording interval.
Faking Box	A short lived system for rapid deployment of mooring.
COS/MOS	Refers to COmplimentary-Symmetry/Metal-Oxide-Semiconductor circuitry used in upgrading of Model 850 current meter. See Valdes(WHOI 77-30).
Sea Spider Mooring	Three legged mooring with single subsurface float. Early attempt at extra stable mooring.

******
1963
******

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA NO.		*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT COMMENTS
107	SUR	2390	39 24.7N	71 01.3W	1	63- VII-23/63- VII-24		
1073		1260	G-156	.5	1	63- VII-23	CVDST	65-44
1075		1510	G-287	.5	0	63- VII-23	CVDST	65-44
1076		2010	G-136	.5	0	63- VII-23	CVDST	65-44
1077		2020	G-275	.5	0	63- VII-23	CVDST	65-44
108	SUR	375	78 25.0N	73 08.0W	2	63- VII-28/63- VII-30		
1081		50	G-273	600F	0	63- VII-28	CVDST	
1083		250	294	784E	2	63- VII-28	CVDST	
109	SUR	500	78 27.0N	73 4E.0W	2	63- VII-28/63- VII-30		
1092		150	265	784E	2	63- VII-28	CVDST	
1093		250	290	815E	2	63- VII-28	CVDST	
1094		350	G-100	6150F	2	63- VII-28	CVDST	
110	SUR	375	78 28.0N	74 14.0W	2	63- VII-28/63- VII-30		
1102		150	G-137	600F	0	63- VII-28	CVDST	
1103		250	295A	706F	2	63- VII-28	CVDST	
111	SUR	3621	0 58.0N	34 55.0W	28	63- II -15/63-III-15		EQUATORIAL
1114		405	323	6000E	27	63- II -15	CVDST	
112	SUR	4905	0 00.0N	34 58.0W	59	63- II -16/63- IV-15		EQUATORIAL
1122		80	213	6000E	59	63- II -16	CVDST	
1123		155	278	6000E	59	63- II -16	CVDST	
1124		405	265	6000E	59	63- II -16	CVDST	
113	SUR	2290	1 00.5S	34 58.0W	59	63- II -16/63- IV-15		EQUATORIAL
114	SUR	?	0 00.0	33 45.0W	?	63- II -17/ LOST		EQUATORIAL

115 SUR	?	1 32.0N	27 20.0W	6	63- II -19/63- II-25	EQUATORIAL
1152	80	281	642E	5	63- II -19 CVDST	
1154	405	294	684E	5	63- II -19 CVDST	
116 SUR	??	0 28.0N	27 32.0W	6	63- II -19/63- II-25	EQUATORIAL
1161	30	320	600E	5	63- II -19 CVDST	
1162	80	295	660E	5	63- II -19 CVDST	
117 SUR	?	0 00.0N	27 30.0W	6	63- II -20/63- II-26	EQUATORIAL
1171	30	268	600E	6	63- II -20 CVDST	
1172	80	299	666E	6	63- II -20 CVDST	
1173	155	303	600E	6	63- II -20 CVDST	
1174	405	296	624E	3	63- II -20 CVDST	
118 SUR	?	0 32.0S	27 27.0W	6	63- II -20/63- II-26	EQUATORIAL
1181	30	235	600E	6	63- II -20 CVDST	
1182	80	214	684E	5	63- II -20 CVDST	
1183	155	239	624E	6	63- II -20 CVDST	
1184	405	273	600E	4	63- II -20 CVDST	
119 SUR	?	1 34.0S	27 32.0W	6	63- II -21/63- II-27	EQUATORIAL
1191	30	326	606E	5	63- II -21 CVDST	
1192	80	297	600E	6	63- II -21 CVDST	
1193	155	210	624E	3	63- II -21 CVDST	
1194	155	204	642E	5	63- II -21 CVDST	
120 SUR	?	0 54.0S	25 00.0W	47	63- II -22/63- IV-10	EQUATORIAL
121 SUR	?	0 01.0N	25 00.0W	?	63- II -22/ LOST	EQUATORIAL
122 SUR	?	01 01.0N	25 00.0W	?	63- II -23/RECOVERED ADRIFT	E UATORIAL
123 SUR	4490	1 29.0S	32 31.0W	5	63- III-08/63-III-13	EQUATORIAL
1231	30	204A	600E	2	63- III-08 CVDST	
1232	80	326A	600E	4	63- III-08 CVDST	
1234	405	214A	660E	3	63- III-08 CVDST	

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA NO.		*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT COMMENTS
124	SUR	?	0 28.0S	32 28.0W	5	63- III-08/63-III-13		EQUATORIAL
1241		30	297A	600F	5	63- III-08	CVDST	
1242		80	303A	624E	4	63- III-09	CVDST	
1243		155	G-135A	600E	5	63- III-08	CVDST	
1244		405	296A	612E	4	63- III-08	CVDST	
125	SUR	?	0 01.0N	32 25.0W	5	63- VI -08/63- VI-13		EQUATORIAL
1252		80	273A	600E	5	63- VI -08	CVDST	
1254		405	239A	510E	5	63- III-08	CVDST	
126	SUR	?	0 28.0N	32 28.0W	6	63- III-09/63-III-14		EQUATORIAL
1261		30	299A	456F	5	63- III-09	CVDST	
1262		80	281A	564E	5	63- III-10	CVDST	
1263		155	327A	546F	5	63- III-08	CVDST	
127	SUR	?	1 30.0N	32 35.0W	6	63- III-09/63-III-14		EQUATORIAL
1271		30	320A	492E	5	63- III-09	CVDST	
1272		80	301	696E	5	63- III-09	CVDST	
1274		405	294A	600E	2	63- III-12	CVDST	
128	SUR	?	1 28.0N	29 59.0W	5	63- III-15/63-III-20		EQUATORIAL
1281		30	294B	540E	5	63- III-15	CVDST	
1282		80	296B	528E	4	63- III-15	CVDST	
1283		155	299B	516E	5	63- III-15	CVDST	
1284		405	301	522E	5	63- III-15	CVDST	
129	SUR	?	0 31.0N	29 58.0W	5	63- III-16/63-III-21		EQUATORIAL
1291		30	235B	678E	5	63- III-16	CVDST	
1292		80	G-135B	618E	5	63- III-16	CVDST	
1293		155	303B	600E	5	63- III-16	CVDST	
1294		405	297B	702E	3	63- III-16	CVDST	

130 SUR	?	0 01.0S	29 59.0W	5	63- III-16/63-III-21		EQUATORIAL
1301	30	214B	600E	5	63- III-16 CVDST		
1302	80	326B	708E	5	63- III-16 CVDST		
1303	155	295B	648E	5	63- III-16 CVDST		
1304	405	204B	.468E	0	63- III-16 CVDST		
131 SUR	?	0 32.0S	29 57.0W	6	63- III-16/63-III-22		EQUATORIAL
1312	155	320B	630E	5	63- III-16 CVDST		
1313	405	281B	624E	5	63- III-16 CVDST		
1314	80	327B	498E	5	63- III-16 CVDST		
132 SUR	?	1 30.0S	30 02.0W	6	63- III-17/63-III-22		EQUATORIAL
1321	30	210B	660E	5	63- III-17 CVDST		
1322	80	273B	624E	5	63- III-17 CVDST		
1323	155	268B	630E	5	63- III-17 CVDST		
1324	405	239B	498E	5	63- III-17 CVDST		
133 SUR	?	3 00.0S	29 34.0W	16	63- III-24/63- IV-08		EQUATORIAL
134 SUR	?	2 59.0S	30 40.0W	16	63- III-24/63- IV-08		EQUATORIAL
135 SUR	?	2 59.5S	31 52.0W	14	63- III-25/63- IV-07		EQUATORIAL
1355	1905	296	200E	1	63- III-25 CVDST		
136 SUR	?	3 00.0S	33 00.0W	14	63- III-25/63- IV-07		EQUATORIAL
137 SUB	?	41 26.3N	70 46.5W	4	63- XI -08/63- XI-12	VINEYARD SOUND	
1371	16	H-514	6000E	3	63- XI -08 CVDST		
138 SUB	?	41 26.3N	76 46.5W	?	63- XI -08/ LDST	VINEYARD SOUND	

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT	COMMENTS
139	SUR	?	32 07.5N	64 32.0W	6	63- XI -26/63-XII-02		BERMUDA
1391	60	H-525	1		1	63- XI -26	ENDST 65-44	
1392	70	H-527	1		1	63- XI -26	ENDST 65-44	
1393	570	H-517	1		1	63- XI -26	ENDST 65-44	
1394	580	H-533	1		1	63- XI -26	ENDST 65-44	
1395	1230	H-530	1		1	63- XI -26	ENDST 65-44	
1396	1240	H-526	1		0	63- XI -26	ENDST 65-44	
1397	1988	H-524	300E		1	63- XI -26	ENDST 65-44	
1398	2000	H-528	1		1	63- XI -26	ENDST 65-44	
140	SUR	?	32 05.2N	64 33.7W	6	63- XI -26/63-XII-02		BERMUDA-FLOAT RECOVERED ADRIFT
1401	60	H-532	.989		1	63- XI -26	ENDST 65-44	
1402	70	H-534	1		1	63- XI -26	ENDST 65-44	
1403	570	H-531	1		1	63- XI -26	ENDST 65-44	
1404	580	H-522	1		1	63- XI -26	ENDST 65-44	
141	SUR	2560	32 12.7N	64 32.8W	4	63- XII-06/63-XII-10		BERMUDA-RECOVERED ADRIFT
1411	60	H-531	1		1	63- XII-06	ENDST 66-60	
1412	61	H-514	5		3	63- XII-06	ENDST 66-60	
1413	63	H-534	1		1	63- XII-06	ENDST 66-60	

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*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT	COMMENTS
142	SPE	59	12 35.1N	70 04.8W	1	64- II -24/64- II-25		INSTRUMENT MOUNTED ON TOWER
1423		10	H-536	.5	0	64- II -24 ENDST		
143	SUR	66	12 34.9N	70 04.8W	12	64- II -12/64- II-24		
144	SUR	49	41 41.6N	69 46.4W	5	64- I -08/64- I-12		
1441		8	G-136	1	1	64- I -08 ENDST		
1442		30	H-308	5	4	64- I -08 ENDST		
145	SUB	57	41 42.6N	69 47.5W	4	64- I -08/64- I -12		
1451		24	H-304	5	4	64- I -08 ENDST		
1452		40	H-311	5	3	64- I -08 ENDST		
146	SUR	2396	32 13.2N	64 36.2W	2	64- II -16/64- II-18		BERMUDA
1461		60	H-514	4	2	64- II -16 ENDST	66-60	
1462		61	H-522	1	1	64- II -16 ENDST	66-60	
1463		560	H-518	1	1	64- II -16 ENDST	66-60	
147	SUR	2268	32 11.0N	64 38.0W	2	64- II -25/64- II-27		BERMUDA
1471		226	H-532	.99	1	64- II -25 . ENDST	66-60	
148	SUR	1800	32 15.0N	64 38.0W	?	63-VIII-18/ LOST		ENGINEERING MOORING
149	SUR	2000	32 16.0N	64 36.0W	?	63-VIII-19/ LOST		ENGINEERING MOORING
150	SUR	20	32 20.0N	64 40.0W	?	63-VIII-19/ LOST		ENGINEERING MOORING
151	SUR	2000	32 15.0N	64 35.0W	?	63- XI -01/ LOST		ENGINEERING MOORING
152	SUR	2160	32 22.0N	64 03.0W	?	64- II -03/ LOST		ENGINEERING MOORING
153	SUR	3140	52 47.0N	35 38.0W	6	64- IV -07/64- IV-13		
1531		1000	H-545	1	1	64- IV -07 ENDST	67-66	
1532		2000	H-549	1	1	64- IV -07 ENDST	67-66	
1533		2500	H-550	1	1	64- IV -07 ENDST	67-66	
1534		2750	H-546	1	1	64- IV -07 ENDST	67-66	
1535		2750	H-542	1	1	64- IV -07 ENDST	67-66	
1536		3000	H-540	1	1	64- IV -07 ENDST	67-66	

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	*LONG.	*DAYS	*SET /RECOVERED	*REPORT	*COMMENTS
*DATA NO.		*DEPTH	*INSTR.	*SAMPLING	*DAYS	*DATA START* VARIABLES	*REPORT	*COMMENTS
154	SUR	3274	52 50.0N	35 38.0W	1	64- IV -08/64- IV-09		
1541		2000	H-543	1	0	64- IV -08 ENDST	67-66	
1542		2500	H-548	1	0	64- IV -08 ENDST	67-66	
1543		3000	H-544	1	0	64- IV -08 ENDST	67-66	
155	SUR	4577	36 15.2N	67 50.7W	?	63- VII-16/ LOST		
156	SUR	?	UNKNOWN	UNKNOWN	29	62- IV -22/62- V -20		
157	SUR	2610	10 MILES E.OF BDA.		7	62- XII-15/ LOST		BERMUDA
158	SUR	2615	32 13.1N	64 34.1W	7	64- V -08/64- V -15		BERMUDA
1581			W-125	600	66	64- V -08 ENDST	66-60	
159	SUB	2140	32 14.8N	64 35.1W	6	64- V -10/64- V -16		BERMUDA
1591		260	H-522	1	1	64- V -10 ENDST	66-60	
160	SUR	2103	32 14.6N	64 36.3W	6	64- V -10/64- V -16		BERMUDA
1603		260	H-518	1	1	64- V -10 ENDST	66-60	
161	SUB	2286	32 15.4N	64 31.8W	3	64- V -11/64- V -14		BERMUDA
1612		494	H-534	1	1	64- V -11 ENDST	66-60	
1614		1594	H-524	1	1	64- V -11 ENDST	66-60	
162	SPE	2140	32 17.0N	64 37.2W	3	64- V -12/64- V -15		MULTIPLE FLOATS
163	SUR	5700	23 42.0N	67 50.0W	5	64- VII-21/64-VII-26		
1631		192	H-533	1200F	4	64- VII-21 ENDST	67-66	
1632		692	H-538	1200E	4	64- VII-21 ENDST	67-66	
164	SUR	5790	23 50.5N	67 49.0W	5	64- VII-21/64-VII-26		
1641		192	H-534	1200F	4	64- VII-21 ENDST	67-66	
1642		692	H-539	1200E	4	64- VII-21 ENDST	67-66	

165 SUR	5290	28 50.0N	68 49.0W	7	64- VII-28/64-VIII-04			
1651	55	H-534	1200E	7	64- VII-28	ENDST	67-66	
1652	56	H-524	240E	2	64- VII-28	ENDST	67-66	
1653	620	H-539	1200E	6	64- VII-28	ENDST	67-66	
1654	3240	H-538	1200E	4	64- VII-28	ENDST	67-66	
166 SUR	5200	29 11.3N	68 21.0W	7	64- VII-29/64-VIII-04			
1661	55	H-522	1200E	3	64- VII-29	ENDST		
1662	56	H-532	1200E	2	64- VII-29	ENDST		
1663	617	H-533	1200E	4	64- VII-29	ENDST		
167 SUR	5200	29 39.5N	67 54.0W	7	64- VII-29/64-VIII-05			
1671	55	H-518	1200E	3	64- VII-29	ENDST		
1672	56	H-549	240E	1	64- VII-29	ENDST		
168 SUR	4701	33 59.0N	63 57.0W		64- IX -01/64- XI-??			
1681		W-125	18000E	62	64- IX -01	ENDST		
169 SUB	4664	33 56.0N	63 57.0W	?	64- IX -01/ LOST			
170 SUR	4655	33 59.0N	63 50.0W	0	64- IX -02/64- IX-02			WIRE BROKE AT KINK IN LINE
171 SUB	4660	33 52.0N	63 49.0W	?	64- IX -05/ LOST			
172 SUR	1000	32 18.0N	64 37.0W	?	64- IX -15/ LOST			
173 SUR	2000	32 15.0N	64 35.0W	0	64- IX -23/64- IX-23			CABLE PARTED DURING LAUNCH

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*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	* SAMPLING	*DAYS	*DATA START	* VARIABLES	*REPORT	COMMENTS
174	SUR	2584	39 18.6N	69 56.2W	?	65- I -28/ LOST		
175	SUB	2561	39 23.2N	70 02.7W	30	65- I -29/65- II-28		MOORING LOST SITE D
1754		2032	H-518	900E	14	65- I -29 ST		ON STATION 14 DAYS,VANE STUCK
176	SUB	1550	20 16.0N	73 40.0W	0	65- II -04/65- II-04		LINE PARTED DURING LAUNCH
1762		275	H-550	5/3600	0	65- II -04 ENDST		
177	SUB	30	41 29.0N	70 43.0W	6	65- II -05/65- II-13		WASHED ASHORE VINEYARD
1771		15	H-664	1200E	5	65- II -05 ENDST	70-40	
178	SUB	2594	39 20.0N	70 00.0W	0	65- II -24/65- II-24		ACOUSTIC RELEASE FIRED ON DECK
179	SUB	2580	39 20.7N	69 58.9W	24	65- II -28/65-III-24		'D'
1791		64	H-662	5/900	19	65- II -28 ENDST	70-40	
1793		940	H-534	5/900	19	65- II -28 ENDST	70-40	
1794		1942	H-660	5/1200	19	65- II -28 ENDST	70-40	STUCK COMPASS
180	SUB	2602	39 20.0N	70 00.2W	35	65- III-23/65- IV-27		'D'
1801		144	H-284	5/900	34	65- III-23 ENDST	70-40	
1803		123	H-137	18000E	34	65- III-23 ENDST	70-40	
181	SUR	2560	39 21.7N	69 58.9W	168	65- IV -21/65- X -06		SEQUENTIAL NOT SIMULTANEOUS
1811			W-123	18000E	40	65- IV -21 ENDST	70-40	WIND MEASUREMENTS
1812			W-126	18000E	22	65- VI -24 ENDST	70-40	
1813			W-123	600E	47	65-VIII-20 ENDST	70-40	

182 SUB	2610	39 19.1N	70 01.2W	?	65- IV -21/ LOST					'D'
183 SUR	2618	39 21.3N	70 02.1W	2	65- V -04/65- V -06				TEST OF TELEMETRY SYSTEM,NO DATA	
1832	123	H-284	900E	1	65- V -04	ENDST			BAD DIRECTIONS	
184 SUB	2600	39 19.6N	70 02.5W	56	65- VI -24/65-VIII-19					
1841	120	H-664	5/900	47	65- VI -24	ENDST	70-40			
1842	514	H-284	5/900	51	65- VI -24	ENDST	70-40			
1844	2026	H-137	5/900	50	65- VI -24	ENDST	70-40			
185 SUR	2600	39 20.6N	70 04.0W	?	65- VI -24/ LOST				TEST OF 24 METER SPAR BUOY	
186 TRI	803	30 15.0N	78 40.0W	15	65-VIII-04/65-VIII-19				TEST OF 'SEA-SPIDER' MOORING	
1861	40	H-539	5/1800	14	65-VIII-04	ENDST	70-40			
187 SUB	2600	39 19.3N	69 59.7W	?	65-VIII-04/ LOST					SITE D
188 SUR	2615	39 20.5N	69 59.0W	54	65- X -06/65- XI-20					SITE D
1881		W-126	600E	19	65- X -06	ENDST	70-40			
1882	7	H-542	5/900	48	65- X -06	ENDST	70-40			
1883	88	H-539	5/900	49	65- X -06	ENDST	70-40			
189 SUB	2607	39 20.0N	69 57.0W	56	65- X -06/65- XI-01					SITE D
1891	98	H-545	5/900	52	65- X -06	ENDST	70-40			
1892	99	H-137	900E	44	65- X -06	ENDST	70-40			
1894	1001	H-548	5/900	36	65- X -06	ENDST	70-40			
1895	2002	H-284	5/900	50	65- X -06	ENDST	70-40			
190 SUR	2602	39 20.4N	69 57.3W	142	65- XI -30/66- IV-21					SITE D
1901		W-123	1200E	21	65- XI -30	ENDST			COMPASS STICKY,SPEED BIASED	
191 SUB	2632	39 19.3N	70 04.0W	101	65- XI -30/66-III-11					SITE D
1911	167	H-304	5/900	52	65- XI -30	ENDST	70-40			

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*DATA NO.		*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT COMMENTS
192	BTM	3300	38 28.8N	70 00.5W	43	66- I -05/66- II-17		SITE F
1921		3270	H-305	5/900	42	66- I -05	ENDST 71-50	
193	SUB	2604	39 19.0N	70 00.0W	137	66- II -07/66- VI-24		SITE D
1932		492	H-550	5/900	49	66- II -07	ENDST 71-50	
1933		994	H-302	5/900	50	66- II -07	ENDST 71-50	
1934		1997	H-542	900E	45	66- II -07	ST	COMPASS, VANE BOTH STUCK
194	SUR	4491	36 04.3N	70 04.8W	1	66- II -18/66- II-19		SITE J
1941		20	H-539	1	1	66- II -18	ENDST	FILM TRANSPORT PROBLEMS
1942		50	H-545	900E	1	66- II -18	ENDST	
1943		101	H-137	900E	1	66- II -18	ST	DIRECTION DATA UNREADABLE
1945		200	T-104	5	1	66- II -18	CVDST	PROTOTYPE MAGNETIC TAPE INSTRU.
1947		4016	H-518	900E	1	66- II -18	ENDST	
195	SUR	4500	35 59.0N	69 58.0W	67	66- II -18/66- IV-26		SITE J
1951			W-126	600E	67	66- II -18	ENDST 71-50	
196	TRI	37	41 09.6N	70 41.8W	2	66- IV -15/66- IV-17		SURFACE TRIMOORING
1961			W-123	600E	3	66- IV -15	ENDST	
1962			W-161	.5	0	66- IV -16	ENDST 71-50	
197	SUB	2595	39 23.0N	70 02.0W	1	66- IV -20/66- IV-21		ABORTED MOORING, LINE PARTED
198	SUR	2586	39 22.5N	69 58.0W	33	66- IV -20/66- V -23		SITE D
1981			W-159	.5/900	34	66- IV -20	ENDST 71-50	
1982		6	H-788	5/900	31	66- IV -20	ENDST 71-50	

199 SUR	4500	35 57.0N	70 02.8W	26	66- IV -22/66- V -18				SITE J
1992	6	H-304	5/900	26	66- IV -22	ENDST	71-50		
1994	500	H-792	5/900	26	66- IV -22	ENDST	71-50		
1995	1000	H-137	5/900	26	66- IV -22	ENDST	71-50		
200 SUB	2595	39 21.2N	69 58.6W	?	66- IV -27/ LOST				SITE D
201 SUR	2608	39 20.5N	69 58.5W	2	66- V -18/66- V -20				SITE D
2013	50	H-518	1	1	66- V -18	ENDST			
2014	150	H-284	1	1	66- V -18	ENDST		VANE FOLLOWER STUCK	
2015	300	H-664	900E	1	66- V -18	ENDST			
202 SUR	2560	39 20.5N	69 53.5W	46	66- VI -24/66-VIII-09				SITE D
2021		W-123	.5/600	46	66- VI -24	ENDST	71-50		
203 SUB	2540	39 22.3N	69 55.0W	67	66- VI -24/66-VIII-30				SITE D
2031	104	M-110	5/900	25	66- VI -24	ENDST	71-50		
2032	502	M-112	5/900	24	66- VI -24	ENDST	71-50		
2034	2004	M-113	5/900	25	66- VI -24	ENDST	71-50		
204 SUB	4125	38 01.0N	70 01.0W	?	66- IV -22/ LOST				SITE G
205 BTM	4200	37 31.5N	70 00.0W	44	66- VI -27/66-VIII-1[illegible]				SITE H
2051	4168	H-137	5/900	43	66- VI -27	ENDST	71-50		
206 SUR	4340	35 59.0N	69 59.3W	?	66- IV -28/ LOST				SITE J
207 SUR	4360	36 03.3N	70 00.7W	?	66-VIII-11/ LOST				SITE J
208 SUR	2570	39 18.4N	69 55.0W	2	66-VIII-30/66- IX-01				SITE D
2081		W-123	1	1	66-VIII-30	ENDST	71-50		
209 SUR	2599	38 18.0N	69 55.0W	?	66-VIII-30/ LOST				SITE D
210 SUB	2605	36 19.0N	69 56.0W	38	66-VIII-30/66- X -07				SITE D
2101	85	M-135	5/900	37	66-VIII-30	ENDST		ROTOR,VANE HAVE PROBLEMS	
2102	487	M-138	5/900	37	66-VIII-30	ENDST		ONLY 9 DAYS OF SPEED DATA	
2103	989	M-132	5/900	37	66-VIII-30	ENDST			
2105	2059	M-123	5/900	38	66-VIII-30	ENDST		ROTOR,VANE HAVE PROBLEMS	

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*DATA NO.	*DEPTH	*INSTR.	* SAMPLING	*DAYS	*DATA START	* VARIABLES	*REPORT	* COMMENTS
211 SUR	2533		39 19.7N	69 54.7W	60	66- X -04/66-XII-03		SITE D
2111		W-126	.5/900		44	66- X -04 ENDST	71-50	
2112	10	M-145	5/900		0	66- X -04 ENDST	71-50	BATTERY LEAKED
212 SUB	2493		39 20.0N	69 51.5W	60	66- X -08/66-XII-07		SITE D
2121	50	M-125	5/900		59	66- X -08 ENDST	71-50	
2123	450	M-127	5/900		18	66- X -08 ENDST	71-50	VANE LOST
2124	950	M-122	5/900		59	66- X -08 ENDST	71-50	
2125	1950	M-129	5/900		41	66- X -08 ENDST	71-50	
213 SUR	2574		39 10.0N	70 00.0W	?	66- X -07/66-XII-17		RECOVERED ADRIFT SITE D
214 SUR	2557		39 19.9N	70 01.1W	2	66- XII-07/66-XII-09		EQUIPMENT TESTS SITE D
2141		W-163	.5/900		0	66- XII-07 ENDST		
215 SUB	2570		39 17.5N	70 05.0W		66- XII-15/69-VIII-06		RECOVERED ADRIFT SITE D
2151	120	M-143	5/900		18	66- XII-15 ENDST	71-50	TIME BASE QUESTIONABLE
216 SUR	2561		39 18.5N	70 01.2W	2	66- XII-07/66-XII-09		SITE D
2161		X-100	600E		0	66- XII-07 ENDST		
2162	10	M-146	5/900		1	66- XII-07 ENDST		
2163	52	M-149	5/900		1	66- XII-07 ENDST		
2164	104	M-119	5/900		1	66- XII-07 ENDST		
2165	506	M-142	5/900		1	66- XII-07 ENDST		COMPASS BIT PROBLEMS
217 BTM	3743		37 59.0N	70 01.0W	?	66- XII-04/ LOST		SITE G
218 BTM	4030		37 30.0N	70 00.0W	?	66- XII-05/ LOST		SITE H
219 SUB	4413		36 04.2N	69 54.7W	74	66- XII-05/67- II-17		ENGINEERING MOORING SITE J

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*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT	COMMENTS
220	SUB	2620	39 17.9N	70 05.6W	58	67- II -26/67- IV-26		SITE D
2203		106	M-868	5/900	44	67- II -26 ENDST	74-4	
2204		511	M-129	5/900	45	67- II -26 ENDST	74-4	
2205		1013	M-149	5/900	47	67- II -26 ENDST	74-4	
2206		2020	M-159	5/900	46	67- II -26 ENDST	74-4	
221	SUB	835	65 42.4N	28 01.2W	34	67- II -02/67-III-0[illegible]		DENMARK STRAITS
2214		706	H-842	5/600	33	67- II -02 ENDST		NO RECOVERABLE ROTOR VALUES
2215		760	H-836	5/600	33	67- II -02 ENDST	74-4	
2217		788	H-833	5/600	33	67- II -02 ENDST		NO RECOVERABLE ROTOR VALUES
2218		814	H-844	5/600	38	67- II -02 ENDST		NO RECOVERABLE ROTOR VALUES
222	RTM	3804	37 59.0N	69 58.0W	?	67- II -25/ LOST		SITE G
223	SUB	365	65 37.8N	28 59.3W	?	67- II -15/ LOST		DENMARK STRAITS
224	SUB	4379	36 05.3N	69 53.0W	?	67- II -17/ LOST		SITE J
225	SUB	5416	33 00.5N	69 56.5W	210	67- II -19/67- IX-25		RECOVERED ADRIFT SITE M
2251			W-126	.5/900	51	67- II -19 ENDST	74-4	
226	SUB	5240	29 59.9N	69 57.2W	1	67- II -20/67- II-21		EXPLORATORY SITE P MEASUREMENTS
2261			W-163	900E	0	67- II -21 ENDST		
2262		12	H-870	900E	0	67- II -21 ENDST		
2264		515	H-867	900E	0	67- II -21 ENDST		
227	SUB	445	65 44.9N	28 41.0W	?	67- II -02/ LOST		DENMARK STRAITS
228	SUB	550	65 51.8N	28 27.0W	?	67- II -02/ LOST		DENMARK STRAITS
229	SUB	690	65 45.6N	28 12.0W	?	67- II -02/ LOST		DENMARK STRAITS

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA NO.		*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT COMMENTS
230	SUB	705	65 40.6N	27 47.2W	42	67- II -03/67-III-17		DENMARK STRAITS
2301		453	H-838	5/600	40	67- II -03	ENDST	NO RECOVERABLE ROTOR VALUES
2304		657	H-841	5/600	38	67- II -03	ENDST	ROTOR VALUES QUESTIONABLE
231	SUR	2605	39 20.0N	70 00.0W	1	67- IV -27/67- IV-27		SITE D
2311			W-164	1	0	67- IV -27	ENDST	
2312		12	H-137	1	0	67- IV -27	ENDST	
2313		16	D-173	2	0	67- IV -27	CVDSTRTTT	
232	SUR	2590	39 18.9N	70 03.0W	?	67- IV -26/ LOST		SITE D
233	SUR	2590	39 17.8N	70 00.6W	?	67- IV -27/ LOST		SITE D
234	BTM	3829	38 01.6N	69 59.8W	?	67- IV -25/ LOST		SITE G
235	BTM	4180	37 31.1N	69 56.0W	?	67- IV -25/ LOST		SITE H
236	SUR	4517	36 06.2N	69 58.7W	?	67- IV -24/ LOST		SITE J
237	SUR	5416	32 55.6N	69 55.5W	?	67- IV -21/ LOST		SITE M
2371			W-165	2	2	67- IV -21	ENDST	INSTRUMENT REMOVED AFTER SET
238	SUR	5434	30 03.2N	70 01.8W	61	67- IV -22/67- VI-22		SITE P
2381			W-166	3600	37	67- IV -22	ENT	LOST BASIC DATA
2382		10	H-877	900	60	67- IV -22	ENDST	'SAME' DUE TO TAPE ERRORS
239	SUB	102	40 10.6N	70 00.7W	9	67- VI -17/67- VI-26		SHELF
2391		27	D-175	2.5	0	67- VI -17	CVDSTRTTT 74-4	COMPASS,VANE PROBLEMS
2393		67	M-135	5	8	67- VI -17	ENDST 74-4	DIRECTIONS UNRELIABLE AFTER JUNE 21
240	SUR	2183	39 37.2N	69 58.9W	9	67- VI -17/67- VI-26		SLOPE
2401			W-175	5	8	67- VI -17	ENDST	SPEED QUESTIONABLE
2402		14	D-172	2.5	1	67- VI -17	CVDSTRTTT	NOT GOOD -- TOO MANY ERRORS
2404		2021	M-145	5	4	67- VI -17	ENDST	BAD COMPASS VALUES
241	SUR	2614	39 17.7N	69 58.2W	1	67- VI -18/67- VI-18		SITE D
2411			W-164	1	0	67- VI -18	ENDST	1 HOUR OF CONTINOUS GOOD DATA
2412		10	X-660	1	0	67- VI -18	CVDST	1 HOUR OF CONTINOUS GOOD DATA

242 SUR	2590	39 1?.1N	6? 55.0W	51	67- VI -19/67-VIII-08				SITE D
2421		W-174	900E	50	67- VI -19	ENDST	74-4		
2425	207	M-127	900	41	67- VI -19	ENDST		BASIC VERSION LOST	
2426	509	M-11?	5/900	23	67- VI -19	ENDST	74-4		
243 SUR	2625	39 1?.6N	7? 02.6W	52	67- VI -19/67-VIII-08				SITE D
2433	57	H-86?	5/900	26	67- VI -19	ENDST	74-4		
2434	428	M-16?	5/900	44	67- VI -19	ENDST	74-4		
2435	93?	M-17?	5/900	47	67- VI -19	ENDST	74-4		
2436	1990	M-17?	900	44	67- VI -19	ENDST		BASIC VERSION LOST	
244 SUR	2576	38 5?.6N	7? 02.7W	9	67- VI -18/67- VI-2?				SLOPE
2442	14	D-17?	2.5	8	67- VI -18	CVDSTRTT		NO USEABLE SPEED, TEMPERATURE	
2443	1?14	M-17?	5	8	67- VI -18	ENDST		VANE ELECTRONIC PROBLEMS	
2444	2517	M-12?	5	5	67- VI -18	ENDST		DRIFTING TIME BASE	
245 BTM	3515	38 0?.1N	7? 00.2W		67- VI -19/ LOST			RELEASE FIRED--BOUYANCY FAILURE	
246 BTM	4187	37 31.7N	67 4?.0W		67- VI -25/ LOST				SITE H
247 SUR	5369	34 0?.8N	69 56.?W		67- VI -23/ LOST				SITE L
248 SUB	2600	39 1?.0N	69 57.5W	0	67- VII-07/67-VII-07			MOORING ABORTED, CABLE PARTED	
249 SUB	2600	39 1?.5N	69 56.8W	8	67- VII-16/67-VII-24				SCOR WG 21
2491	478	M-12?	5	0	67- VII-16	ENDST	*	3 HOURS OF DATA	
2492		R-65	300	7	67- VII-16	CVDST	*		
2494	486	TSM?33	300	7	67- VII-16	ENDST	*		
2495	516	H-87?	150E	7	67- VII-16	ENDST	*		
250 SUB	2600	39 17.8N	69 5?.0W	8	67- VII-16/67-VII-24				SCOR WG 21
2501	493	M-17?	5	7	67- VII-17	ENDST	*		
2502	494	B-6?	300	7	67- VII-17	CVDST	*		
2503	497	PL-?77	300	7	67- VII-16	ENDST	*		
2504	501	T-73?	299	7	67- VII-17	CVDST	*		
2505	504	H-87?	300E	7	67- VII-17	ENDST	*		
251 SUB	2595	39 17.1N	69 57.2W	7	67- VII-17/67-VII-24				SCOR WG 21
2511	501	M-17?	5	7	67- VII-17	ENDST	*	COMPASS, VANE NOT GOOD	
2512	502	B-6?	300	7	67- VII-17	DST	*		
2514	509	TSM-?3	300	7	67- VII-17	ENDST	*		
2515	512	H-87?	150E	7	67- VII-17	ENDST	*		

* UNESCO TECHNICAL PAPER IN MARINE SCIENCE NUMBER 11.

*MOORING *NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA * NO.	*DEPTH	*INSTR.	* SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT	COMMENTS
252 SUB	2582		39 22.1N	70 01.9W	9	67-VIII-08/67-VIII-1[illegible]		SITE L
2521	109	X-660	1		1	67-VIII-08 CVDST		NO USEABLE DATA
253 SUR	2582		39 21.9N	70 02.2W	8	67-VIII-08/67-VIII-16		SITE D
2531		W-164	1		1	67-VIII-08 ENDST		SHORT BUT GOOD
2532	12	H-137	1		1	67-VIII-08 ENDST		SHORT BUT GOOD
254 SUB	2620		39 21.0N	70 03.4W	7	67- X -03/67- X -10		SITE D
2542	106	D-172	900F		5	67- X -03 TTTT		
2543	97	H-868	5		6	67- X -03 ENDST	74-4	
2544	101	H-878	5		7	67- X -03 ENDST	74-4	
2545	105	H-873	900F		7	67- X -03 ENDST		
255 SUR	2630		39 18.2N	70 03.7W	2	67- X -06/67- X -07		ENGINEERING MOORING SITE D
256 SUR	5364		34 04.0N	69 56.1W	54	67-VIII-11/67- X -04		ENGINEERING MOORING SITE L
257 SUR	91		42 59.6N	70 25.9W	1	67- VII-28/67-VII-2[illegible]		FOR VICE-PRESIDENT HUMPHRY
2571		W-173	.5		0	67- VII-28 ENDST		
2572	12	H-137	.5		0	67- VII-28 ENDST		
258 SUR	2569		39 19.7N	70 00.8W	1	67- X -08/67- X -09		ENGINEERING MOORING SITE D
259 SUR	2600		39 19.7N	70 01.3W	5	67- XII-07/67-XII-12		
2592	12	H-878	.5		0	67- XII-10 ENDST		TIME SERIES IN 8 PIECES
260 SUR	2614		39 16.8N	70 00.1W	2	67- XII-08/67-XII-10		SITE D
2602	12	H-873	.5		0	67- XII-08 ENDST		SHORT BUT GOOD
2603	516	X-660	1		0	67- XII-08 CVDST		ROTOR MODIFIED
261 SUR	2575		39 16.3N	70 01.4W	1	67- XII-10/67-XII-11		ENGINEERING MOORING SITE D
2612	14	H-873			0	67- XII-10 ENDST		

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*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA NO.		*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT COMMENTS
262	SUR	2680	39 10.2N	70 02.1W	1	68- II -24/68- II-24		TEST OF BACK-UP RECOVERY SYSTEM
263	SUR	2678	39 08.2N	69 58.8W	51	68- IV -19/68- VI-10		2 MONTH TEST OF NYLON MOORING
264	SUR	2680	39 09.3N	70 01.8W	51	68- IV -20/68- VI-09		2 MONTH TEST OF WIRE MOORING
2641			W-101X	5/900	23	68- IV -20 ENDST	74-52	
2643		11	M-172	5/900	23	68- IV -20 ENDST		
265	BTM	2670	39 11.4N	69 56.7W	52	68- IV -24/68- VI-15		SITE D
2651		2578	H-877	900	51	68- IV -24 ENDST	74-52	
266	SUR	2710	39 09.2N	70 03.3W	2	68- VI -08/68- VI-10		TEST OF LAUNCH TENSION 'D'
267	SUR	2663	39 11.4N	70 04.2W	75	68- VI -09/68-VIII-23		SITE D
2673		11	M-170	5/900	47	68- VI -09 ENDST		COMPASS STICKY,NO ROTOR VALUES
268	BTM	2658	39 09.7N	69 51.7W	104	68- VI -14/68- IX-26		SITE D
2681		2558	M-175	5/1800	103	68- VI -14 ENDST	74-52	
269	SUR	2679	39 09.6N	70 01.6W	69	68- VI -15/68-VIII-23		SITE D
2691			W-101X	5/900	47	68- VI -15 ENDST		
2693		11	M-174	5/900	23	68- VI -15 ENDST		NO ROTOR VALUES
270	BTM	2730	39 07.0N	69 54.6W	5	68- IV -19/68- IV-24		TEST OF SYNTACTIC FOAM BUOYANCY
271	SUR	2683	39 08.3N	70 02.4W	6	68-VIII-14/68-VIII-20		ENGINEERING MOORING SITE D
2713		12	M-142	5	5	68-VIII-14 ENDST		SHORT BUT GOOD

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED		*REPORT	COMMENTS
*DATA NO.		*DEPTH	*INSTR.	SAMPLING	*DAYS	DATA START	VARIABLES	*REPORT	COMMENTS
272	SUR	2705	39 09.1N	70 05.7W	7	68-VIII-15/68-VIII-21			CURRENT AND TEMPERATURE SHEAR
2721			W125-X	5	7	68-VIII-15	ENDST	74-52	
2722		10	M-177	5	7	68-VIII-15	ENDST	74-52	
2723		20	M-124	5	4	68-VIII-15	ENDST	74-52	
2724		29	D-172	5	1	68-VIII-15	CVDSTTTT		NO ROTOR VALUES
2726		40	M-122	5	7	68-VIII-15	ENDST	74-52	
273	SUR	2794	39 06.3N	70 02.6W	1	68-VIII-20/68-VIII-21			TEST OF ENGINEERING INSTRUMENTS
2735		519	M-159	5	1	68-VIII-20	ENDST		COMPASS PROBLEMS
274	SUR	2685	39 10.2N	70 04.2W	41	68-VIII-22/68- X -02			SITE D
2742		14	M-172	5/900	41	68-VIII-22	ENDST	74-52	
2743		54	M-173	5/900	41	68-VIII-22	ENDST	74-52	
2744		105	M-135	5/900	41	68-VIII-22	ENDST	74-52	
275	SUR	2677	39 09.5N	70 01.3W	35	68-VIII-24/68- IX-27			ENGINEERING WIRE TEST
2751			W-174	900E	34	68-VIII-24	ENDST	74-52	
276	SUR	1812	39 52.3N	69 12.8W	83	68-VIII-25/68- XI-16			FOR 'ALVIN' INSPECTION-ALVIN LOST
277	SUB	2600	39 08.2N	70 02.9W	4	68- IX -26/68- IX-30			TO TEST POSITIONING ABILITY
278	SUR	2675	39 08.6N	69 39.3W	2	68- IX -26/68- IX-28			ENGINEERING MOORING
279	SUR	2685	39 08.8N	70 01.5W	71	68- X -01/68-XII-11			TEST OF COMPOUND MOORING
2791			W-101X	5/900	63	68- X -01	ENDST	74-52	ANEMOMETER BLEW AWAY
280	SUR	2685	39 10.0N	70 02.8W	70	68- X -02/68-XII-11			SITE D
2801			W-125X	5/900	48	68- X -02	ENDST	74-52	
2803		12	M-122	5/900	57	68- X -02	ENDST	74-52	
2804		53	M-142	5/900	64	68- X -02	ENDST		COMPASS STUCK
2805		104	M-159	5/900	63	68- X -02	ENDST	74-52	
281	SUR	1374	39 53.6N	69 13.6W	31	68- X -23/69- XI-22			RANGE AND BEARING MARKERS FOR
282	SUR	1610	39 50.8N	69 13.6W	31	68- X -23/69- XI-22			'ALVIN' RECOVERY
283	SUB	2675	39 10.2N	70 04.6W	8	68- XII-10/68-XII-18			CURRENT SHEAR EXPERIMENT
2833		501	M-177	5	8	68- XII-10	ENDST	74-52	
2836		521	M-195	5	8	68- XII-10	ENDST		COMPASS STUCK, VANE STICKY
2837		531	M-196	5	8	68- XII-10	ENDST	74-52	

284 SUR	2690	39 09.8N	70 03.6W	120	68- XII-19/69- IV-17			SITE D
2842	12	M-173	5/1800	119	68- XII-19	ENDST	74-52	
2843	54	M-145	5	81	68- XII-19	ENDST	74-52	
285 SUR	2670	39 10.5N	70 03.0W	1	68- XII-18/68-XII-19			TEST OF ENGINEERING INSTRUMENTS
2852	515	M-170	5	3	68- XII-16	ENDST		SHORT BUT GOOD
286 SUR	2674	39 12.2N	70 04.0W	?	68- XII-19/ LOST			DRIFTING--SIGHTED APRIL 69 AT 39 31.0N, 46 31.0W
287 BTM	2680	39 10.7N	70 02.1W	171	68- XII-19/69- VI-02			SITE D
2871	2580	M-175	5/1800	42	68- XII-19	ENDST	74-52	
288 SUR	2678	39 09.4N	70 00.5W	120	68- XII-19/69- IV-17			SITE D

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*MOORING *NO.	*TYPE	*DEPTH	*LATITUDE*	LONG.	*DAYS*	SET /RECOVERED	*REPORT*	COMMENTS
*DATA * NO.	*DEPTH	*INSTR.	* SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT	COMMENTS
289 SUB	2833	38 01.0N	04 59.9E	49	69-	I -22/69-III-12		MEDITERRANIAN SEA
2892	211	M-209	5/900	49	69-	I -22 ENDST	76-40	TO MEASURE VERTICAL DISTRIBUTION
2893	713	M-205	5/900	40	69-	I -22 ENDST	76-40	OF INERTIAL DISTURBANCES ON THE
2894	1215	M-206	5/900	49	69-	I -22 ENDST	76-40	SOUTH SIDE OF AN ENCLOSED BASIN.
2895	1717	M-210	5/900	49	69-	I -22 ENDST	76-40	
2896	2219	M-211						
290 SUR	2682	39 10.9N	70 02.5W	8	69-	IV -16/69- IV-24		ENGINEERING MOORING SITE D
2903	16	M-151	5	8	69-	IV -16 ENDST	76-40	
2905	521	M-198	5	8	69-	IV -16 ENDST	76-40	
291 BTM	2682	39 08.7N	70 02.5W	8	69-	IV -16/69- IV-24		SYNTATIC FOAM FLOAT TEST
2911	2581	M-209	5	7	69-	IV -16 ENDST	76-40	
2912	2670	M-211	5	8	69-	IV -16 ENDST		PROGRESSIVE ROTOR FAILURE
292 SUR	2686	39 08.4N	69 56.5W	2	69-	IV -16/69- IV-18		RECOVERED- MOORING ADRIFT
2921	19	M-210	5/1800	2	69-	IV -16 ENDST		RESET AS MOORING 296
2922	66	M-214	5/1800	2	69-	IV -16 ENDST		
2923	120	M-213	5/1800	2	69-	IV -16 ENDST		
2925	2339	M-203	5/1800	2	69-	IV -16 ENDST		
293 BTM	2678	39 09.7N	70 02.6W	7	69-	IV -16/69- IV-23		SITE D
294 SUB	2674	39 10.3N	70 00.0W	9	69-	IV -17/69- IV-26		TO MEASURE CURRENT SHEAR
2941	1512	M-142	5.27/900	8	69-	IV -17 ENDST	76-40	CRYSTAL (NOT MECHANICAL) CLOCK
2942	1514	M-122	5	8	69-	IV -17 ENDST	76-40	COMPASS, VANE MISSING BITS
2943	1539	M-204	5	1	69-	IV -17 ENDST	76-40	
2944	1564	M-159	5	8	69-	IV -17 ENDST	76-40	
2945	1598	M-127	5	8	69-	IV -17 ENDST	76-40	
2946	1614	M-170	5	8	69-	IV -17 ENDST	76-40	

295 BTM	2690	39 10.1N	70 04.3W	3	69- IV -23/69- IV-26			ENGINEERING MOORING SITE D
296 SUR	2674	39 10.5N	70 01.8W	2	69- IV -24/69- IV-25			LINE DAMAGED WHILE SETTING 297
2961	13	M-213	5/900	2	69- IV -24	ENDST		RESET AS MOORING 299
2962	51	M-214	5/900	2	69- IV -24	ENDST		
2965	107	M-203	5/900	2	69- IV -24	ENDST		
2966	2310	M-210	5/900	2	69- IV -24	ENDST		
297 SUR	2672	39 10.3N	70 01.8W	1	69- IV -25/69- IV-26			MOORING 297 DRIFTED ACROSS 296 WHILE IT WAS BEING SET
298 SUR	2675	39 09.1N	69 59.0W	108	69- IV -26/69-VIII-12			4 MONTH WIRE TEST SITE D
2981		W-125X	5/1800	109	69- IV -25	ENDST	76-40	
2983	14	M-205	5/1800	110	69- IV -25	ENDST	76-40	
299 SUR	2696	39 09.0N	70 03.6W	16	69- IV -29/69- V -15			RECOVERED ADRIFT SITE D
2991	13	M-203	5/900	30	69- IV -28	ENDST	76-40	
2992	51	M-214	5/900	30	69- IV -28	ENDST	76-40	
2995	107	M-213	5/900	30	69- IV -28	ENDST	76-40	
2296	2372	M-210	5/900	29	69- IV -28	ENDST	76-40	
300 SUR	2680	39 09.6N	70 01.2W	105	69- IV -29/69-VIII-12			4 MONTH WIRE TEST SITE D
301 SUR	2680	39 09.9N	69 56.0W	4	69- VI -07/69- VI-11			ENGINEERING INSTRUMENT TEST
3011		W-169X	5	4	69- VI -07	ENDST	76-41	
3014	16	M-198	5	4	69- VI -07	ENDST	76-41	
302 BTM	2685	39 05.9N	69 59.5W	126	69- VI -07/69- X -11			4 MONTH BOTTOM MOORING "D"
3021	2586	M-159	5/1800	125	69- VI -07	ENDST	76-41	
303 BTM	2692	39 07.6N	70 03.2W	1	69- VI -08/69- VI-09			TEST OF GLASS BALL BUOY

*MOORING *NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA * NO.		*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT COMMENTS
304	BTM	4486	36 23.4N	70 00.2W	62	69- VI -12/69-VIII-14		CURRENTS UNDER GULF STREAM
3041		4227	M-122	5/1800	62	69- VI -12	ENDST 76-41	
305	BTM	4426	36 43.0N	70 00.3W	62	69- VI -12/69-VIII-14		CURRENTS UNDER GULF STREAM
3051		4227	M-127	5/1800	62	69- VI -12	ENDST 76-41	
306	BTM	4368	37 00.0N	70 00.0W	62	69- VI -12/69-VIII-14		CURRENTS UNDER GULF STREAM
307	BTM	4281	37 20.0N	70 01.0W	62	69- VI -12/69-VIII-14		CURRENTS UNDER GULF STREAM
3071		4084	M-209	5/1800	16	69- VI -12	ENDST	CHANGED RECORDING MODES AFTER 16 DAYS
308	SUR	2682	39 09.6N	69 52.9W	120	69- VI -13/69- X -11		TEST OF TORQUE BALANCED WIRE
3082		15	M-170	5/1800	85	69- VI -13	ENDST	SPORATIC ROTOR FAILURE
309	SUR	2678	39 09.0N	70 00.2W	69	69- VI -13/69-VIII-11		SITE D
3091			W-101X	5/900	59	69- VI -13	ENDST 76-41	
3093		13	M-203	5/900	59	69- VI -13	ENDST	
3095		56	M-214	5/900	59	69- VI -13	ENDST	
3096		108	M-213	5/900	59	69- VI -13	ENDST	
310	SUB	2683	39 10.0N	70 02.2W	147	69-VIII-10/70- I -04		SITE D
3101		200	M-142	5.27/1800	36	69-VIII-10	ENDST 76-41	
3102		532	M-175	5/1800	62	69-VIII-10	ENDST 76-41	
3103		1044	M-215	5/1800	118	69-VIII-10	ENDST 76-41	
3104		2066	M-204	5/1800	119	69-VIII-11	ENDST 76-41	
311	SUR	2685	39 11.2N	70 04.9W	56	69-VIII-10/69- X -0(		TOP 50M STOLEN SEPT. 11
3115		56	M-191	5/1800	58	69-VIII-10	ENDST	ROTOR VALUES MOSTLY ZEROS
3116		108	M-206	5/1800	57	69-VIII-11	ENDST 76-41	
3118		210	M-220	5.27/1800	57	69-VIII-11	ENDST	
312	BTM	4088	37 55.4N	70 00.0W	1	69-VIII-13/69-VIII-13		GULF STREAM BOTTOM MOORING
3121		3988	M-129	5	0	69-VIII-13	ENDST	

313 SUR	5368	33 59.2N	70 02.5W	2	69-VIII-17/69-VIII-19			TELEMETRY TEST AT SITE L
314 SUR	5368	34 02.7N	70 02.0W	51	69-VIII-18/69- X -08			2 MONTH WIRE TEST AT SITE L
3141		W-169X	5/900	51	69-VIII-18	ENDST	76-41	
3143	14	M-198	5/900	51	69-VIII-18	ENDST	76-41	
315 SUR	5368	34 01.0N	65 58.3W	51	69-VIII-18/69- X -08			TEST OF ARMORED NYLON, SITE L
316 SUR	2692	39 06.3N	70 01.9W	92	69- X -04/70- I -04			2 MONTHS TELEMETRY TEST
317 SUR	2681	39 12.0N	70 02.8W	91	69- X -06/70- I -05			SITE D
3171		W-101X	5.27/900	56	69- X -06	ENDST	76-41	
3173	13	M-122	5.27/900	62	69- X -06	ENDST	76-41	
3174	53	M-212	5.27/900	59	69- X -06	ENDST	76-41	
3175	105	M-213	5.27/900	58	69- X -06	ENDST	76-41	
3176	207	M-203	5.27/900	58	69- X -06	ENDST	76-41	
318 SUR	2545	39 19.7N	70 02.8W	92	69- X -06/70- I -05			SITE D
3181	12	M-209	5.27/900	59	69- X -06	ENDST	76-41	
3183	104	M-127	5.27/900	63	69- X -06	ENDST		BAD VANE VALUES
319 SUR	5370	33 58.0N	70 01.0W	2	69- X -07/69- X -08			MOORING DYNAMICS TEST 'L'
3193	14	M-210	5	2	69- X -07	ENDST		
320 SUR	5370	34 01.0N	70 04.0W	143	69- X -10/70-III-02			2 MONTH WIRE ROPE EVALUATION
321 SUB	27	41 30.4N	70 39.0W	14	69- XI -26/69-XII-10			SEWER OUTFALL-FALMOUTH
3211	10	M-220	5.27/225	14	69- XI -26	ENDST		

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*MOORING *NO. *TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET	/RECOVERED	*REPORT	COMMENTS
*DATA * NO.	*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT	COMMENTS
322 SUR	2690	39 07.8N	69 57.5W	55	70- I -04	/70- II-28		LOST LOWER PART OF MOORING
3221		W-169X	5.27/900	61	70- I -04	ENDST		BAD VANE VALUES
3222	11	M-191	5/900	56	70- I -04	ENDST		ROTOR FAILS AFTER 3 DAYS
323 SUR	5365	33 58.5N	69 58.5W	125	70- I -08	/70- V -13		BUOY FREE,MOORING SANK-MARCH
3233	515	M-232	5/1800	86	70- I -08	ENDST	77-18	NO DATA ON CHANNEL B
3234	1017	M-226	5/1800	125	70- I -08	ENDST	77-18	
3236	2020	M-206	5/1800	85	70- I -08	ENDST	77-18	DATA ON ONE CHANNEL ONLY
3237	4205	M-227	5/1800	126	70- I -08	ENDST	77-18	
324 SUB	2921	31 50.0N	65 15.0W	1	69-VIII-15	/69-VIII-16		ANCHOR DROP EXPERIMENT
325 SUB	2921	31 50.0N	65 15.0W	1	69-VIII-15	/69-VIII-16		ANCHOR DROP EXPERIMENT
326 BTM	4128	37 37.0N	70 33.0W	130	70- II -28	/70-VII-08		NORTH/SOUTH BOTTOM ARRAY
3261	3990	M-142	5.27/1800	131	70- II -27	ENDST	77-18	
3262	4102	M-207	5/1800	129	70- II -28	ENDST		VANE STUCK
327 BTM	4417	36 46.0N	69 59.0W	130	70- II -28	/70-VII-08		NORTH/SOUTH BOTTOM ARRAY
3272	4209	M-129	5.27/1800	130	70- II -27	ENDST	77-18	
328 BTM	5356	31 01.0N	69 31.0W	124	70- III-03	/70-VII-05		NORTH/SOUTH BOTTOM ARRAY
3281	4210	M-127	5.27/1800	103	70- III-01	ENDST		VANE STUCK
329 BTM	5424	31 00.0N	70 29.0W	124	70- III-03	/70-VII-05		NORTH/SOUTH BOTTOM ARRAY
3291	4209	M-223	5/1800	124	70- III-03	ENDST	77-18	
330 BTM	5464	28 00.0N	69 57.0W	122	70- III-04	/70-VII-04		NORTH/SOUTH BOTTOM ARRAY
3302	4205	M-225	5/1800	122	70- III-04	ENDST		VANE STUCK
331 BTM	477	11 32.2N	61 54.2W	37	70- III-12	/70-IV-18		CARIBBEAN INFLOW STUDIES
3311	225	M-204	5/900	36	70- III-18	ENDST	77-18	
3312	427	M-209	5.27/900	37	70- III-12	ENDST	77-18	

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE*	LONG.	*DAYS*	SET /RECOVERED	*REPORT*	COMMENTS
*DATA * NO.		*DEPTH	*INSTR.*	SAMPLING	*DAYS	*DATA START*	VARIABLES	*REPORT* COMMENTS
332 BTM		675	11 39.0N	61 54.2W	37	70- III-12/70- IV-18		CARIBBEAN INFLOW STUDIES
3321		423	M-122	5.27/900	37	70- III-12	ENDST	77-18
3322		625	M-215	5/900	36	70- III-22	ENDST	77-18
AK1 SUR		5180	16 36.9N	32 50.1W	14	70- III-20/70- IV-02		SCOR WG 21
AK11		46	B-155	900	12	70- III-20	ENDSTT	*
AK12		50	A-941	900	6	70- III-20	ENDST	*
AK13		192	LSK	900	12	70- III-20	ENDST	*
AK14		195	M-203	5.27/900	11	70- III-21	CVDST	*
AK15		200	A-8303	900	12	70- III-20	ENDST	*
AK16		996	P-536	900	12	70- III-20	ENDSTT	*
AK17		1000	A-9435	900	12	70- III-20	ENDST	*
AK2 SUR		5190	16 30.2N	32 55.7W	14	70- III-20/70- IV-02		SCOR WG 21
AK21		46	P-532	900	12	70- III-20	ENDSTT	*
AK22		50	A-3267	900	12	70- III-20	ENDST	*
AK23		196	B-124	900	12	70- III-20	ENDST	*
AK24		200	A-3323	900	3	70- III-20	ENDST	*
AK25		992	LSK	900	12	70- III-20	ENDST	*
AK26		996	B-153	900	12	70- III-20	ENDSTT	*
AK27		1000	A-9434	900	12	70- III-20	ENDST	*
AK3 SUR		4990	16 35.6N	32 44.2W	14	70- III-21/70- IV-02		SCOR WG 21
AK31		46	LSK-10	900	12	70- III-21	ENDST	*
AK32		50	A-9071	900	12	70- III-21	ENDST	*
AK34		200	A-4242	900	12	70- III-21	ENDST	*
AK35		204	B-156	900	12	70- III-21	ENDSTT	*
AK37		1003	M-213	5.27/900	12	70- III-21	CVDST	*
AK4 SUR		5170	16 29.0N	32 46.1W	15	70- III-21/70- IV-03		SCOR WG 21
AK41		50	A-8352	900	3	70- III-21	ENDST	*
AK42		53	M-212	5.27/900	12	70- III-21	CVDST	*
AK43		196	LSK-8	900	12	70- III-21	ENDST	*
AK44		200	A-8348	900	12	70- III-21	ENDST	*
AK45		204	P-534	900	12	70- III-21	ENDSTT	*
AK46		1000	A-9440	900	12	70- III-21	ENDST	*
AK47		1004	B-127	900	12	70- III-21	ENDST	*

* UNECSO TECHNICAL PAPER IN MARINE SCIENCE NUMBER 17.

333 BTM	4384	32 04.8N	64 11.6W	20	70-	III-27/70- IV-16			FOR ACOUSTIC PROPAGATION TEST
3331	3877	M-175	5/900	20	70-	III-27	ENDST		GOOD DATA
334 SUR	5270	33 58.0N	69 56.0W	53	70-	V -14/70-VII-0[illegible]			SITE L
3342	14	M-238	5.27/900	54	70-	V -13	ENDST	77-18	
3344	1017	M-122	5.27/900	50	70-	V -13	ENDST	77-18	
3345	2019	M-191	5.27/900	54	70-	V -13	ENDST	77-18	
3346	4326	M-240	5.27/900	25	70-	V -13	ENDST	77-18	
335 INT	4400	32 08.0N	64 07.5W	46	70-	V -17/70-VII-02			FOR ACOUSTIC PROPAGATION TEST
3351	1312	M-175	5.27/900	46	70-	V -16	ENDST	77-18	
3354	2346	M-215	5.27/900	46	70-	V -17	ENDST		
336 BTM	5370	33 58.5W	69 56.5W	208	70-	V -14/70-XII-02			TRANSPONDER TEST
337 SUR	26	41 26.0N	70 46.0W	1	70-	VI -18/70- VI-14			FOR W.H.O.I. ASSOCIATES
338 SUR	2322	39 34.5N	69 55.5W	51	70-	VI -27/70-VIII-17			ARRAY WITH 339,340 SITE D
3381		W-169X	5.27/900	51	70-	VI -27	ENDST	75-7	
3383	12	M-226	5.27/900	38	70-	VI -27	ENDST	75-7	
3385	[illegible]	M-212	5.27/900	51	70-	VI -27	ENDST	75-7	
3386	72	M-173	5.27/900	51	70-	VI -27	ENDST	75-7	
3387	2167	M-203	5.27/900	51	70-	VI -27	ENDST	75-7	
339 SUR	2682	39 07.6N	70 02.3W	50	70-	VI -28/70-VIII-17			ARRAY WITH 338,340 SITE D
3391		W-143X	5.27/900	52	70-	VI -27	ENDST	75-7	
3393	12	M-249	5.27/900	52	70-	VI -27	ENDST	75-7	
3394	32	M-227	5.27/900	52	70-	VI -27	ENDST	75-7	
3395	52	M-225	5.27/900	52	70-	VI -27	ENDST	75-7	
3396	72	M-177	5.27/900	53	70-	VI -25	ENDST	75-7	
3397	2545	M-206	5.27/900	52	70-	VI -27	ENDST	75-7	
340 SUR	2754	39 07.5N	70 35.2W	51	70-	VI -27/70-VIII-18			ARRAY WITH 338,339 SITE D
3401		W-101X	5.27/900	51	70-	VI -27	ENDST	75-7	
3402	12	M-205	5.27/900	51	70-	VI -27	ENDST	75-7	
3403	32	M-248	5.27/900	51	70-	VI -27	ENDST	75-7	
3404	52	M-170	5.27/900	51	70-	VI -27	ENDST	75-7	
3406	72	M-204	5.27/900	51	70-	VI -27	ENDST	75-7	
3407	2620	M-213	5.27/900	51	70-	VI -27	ENDST	75-7	

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA NO.		*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT* COMMENTS
341	SUR	5365	34 01.0N	70 01.0W	44	70- VI -30/70-VIII-14		TEST OF JACKETED DACRON 'L'
342	SUR	5363	34 00.6N	70 02.5W	?	70- VI -30/70-VII -06		RECOVERED ADRIFT SITE L
343	INT	4444	35 58.0N	70 33.0W	58	70-VIII-13/70- X -08		L.F. WAVE CORR. ACROSS GULF STREAM
3432		2263	M-151	5.27/900	48	70-VIII-13 ENDST	77-18	
3434		4115	M-240	5.27/900	62	70-VIII-07 ENDST	77-18	
344	SUR	5365	33 59.2N	69 59.3W	58	70-VIII-14/70- X-09		WIRE,HARDWARE EVALUATION
345	INT	2527	39 28.5N	70 58.6W	51	70-VIII-18/70- X -0(		WAVE CORR. ACROSS GULF STREAM
3451		1504	M-122	5.27/900	49	70-VIII-18 ENDST	77-18	
346	BTM	2263	39 35.5N	70 58.0W	115	70-VIII-18/70-XII-11		WAVE MOTION ACROSS SLOPE
3461		2163	M-251	5.27/1800	121	70-VIII-07 ENDST		BAD TIME BASE
347	BTM	876	39 50.2N	70 40.5W	107	70-VIII-19/70-XII-04		WAVE MOTION ACROSS SLOPE
3471		776	M-238	5.27/1800	122	70-VIII-07 ENDST	77-18	
348	BTM	977	39 50.2N	70 57.0W	48	70-VIII-19/70- X -0(		INTERNAL WAVES ON THE SLOPE
3481		975	M-142	5.27/900	60	70-VIII-07 ENDST	77-18	
3482		982	M-191	5.27/900	48	70-VIII-19 ENDST	77-18	
349	BTM	943	39 50.6N	70 56.2W	48	70-VIII-19/70- X -06		INTERNAL WAVES ON THE SLOPE
3491		846	M-175	5.27/900	60	70-VIII-07 ENDST	77-18	
3492		933	M-145	5.27/900	47	70-VIII-19 ENDST	77-18	
3493		941	M-129	5.27/900	48	70-VIII-19 ENDST		VANE MECHANICALLY STUCK
350	BTM	993	39 49.6N	70 56.0W	107	70-VIII-19/70-XII-04		INTERNAL WAVES ON SLOPE
3501		888	M-223	5.27/1800	72	70-VIII-19 ENDST	77-18	
3502		990	M-234	5.27/1800	89	70-VIII-19 ENDST	77-18	
351	BTM	2150	39 36.6N	71 15.0W	114	70-VIII-19/70-XII-11		WAVE MOTION ACROSS SLOPE
3511		2052	M-215	5.27/1800	114	70-VIII-19 ENDST	77-18	

352 BTM	2509	39 23.3N	71 01.4W	47	70-	X -06/70-XII-11			WAVE CORR. ACROSS GULF STREAM	
3521	2394	M-213	5.27/900	59	70-	X -06	ENDST	77-18		
353 BTM	4436	35 58.0N	70 35.0W	62	70-	X -08/70-XII-09			WAVE CORR. ACROSS GULF STREAM	
3531	4121	M-206	5.27/900	59	70-	X -08	ENDST	77-18		
354 BTM	5368	34 02.5N	69 59.2W	207	70-	X -09/71- V -04			6 MONTH CORROSION TEST	
3541	5284	M-255	5.27/3600	128	70-	X -09	ENDST		WATER IN INSTRUMENT, NO ROTOR	
355 SUR	5361	34 02.3N	69 54.5W	59	70-	X -09/70-XII-07			FISHBITE TEST	
356 SUR	5374	33 48.0N	70 12.0W	?	70-	XII-08/ LOST			WIRE TEST	
357 INT	4425	35 58.9N	70 36.8W	148	70-	XII-09/71- V -06			ARRAY WITH 358	SITE J
3571	2056	M-226	5.27/1800	148	70-	XII-09	ENDST		COMPASS STUCK	
3574	3066	M-212	5.27/1800	148	70-	XII-09	ENDST	77-18		
3575	4047	M-227	5.27/1800	148	70-	XII-09	ENDST	77-18		
358 INT	2680	39 07.4N	70 03.0W	137	70-	XII-11/71- IV-27			ARRAY WITH 357	SITE D
3581	1466	M-204	5.27/1800	138	70-	XII-11	ENDST		DIRECTIONS BAD	
3584	1976	M-240	5.27/1800	77	70-	XII-11	ENDST		TIME BASE BAD	
3585	2495	M-205	5.27/1800	138	70-	XII-11	ENDST	77-18		

*MOORING NO.	*TYPE *DATA NO.	*DEPTH	*LATITUDE* INSTR.	LONG.	*DAYS* SAMPLING	SET /RECOVERED *DAYS	*DATA START	*REPORT* VARIABLES	*REPORT*	COMMENTS
359	BTM	3528	37 16.0N	71 52.0W	139	70- XII-12/71- IV-30				GULF STREAM ARRAY
	3591	3325	M-122	5.27/1800	139	70- XII-12	ENDST			VANE BIT PROBLEMS
360	BTM	4230	36 23.0N	71 15.0W	141	70- XII-13/71- V -03				GULF STREAM ARRAY
	3601	3697	M-191	5.27/1800	141	70- XII-12	ENDST	77-18		2 MONTHS WITH NO SPEEDS
	3602	4019	M-203	5.27/1800	142	70- XII-12	ENDST	77-18		
361	BTM	3950	37 59.5N	69 27.0W	0	70- XII-14/70-XII-14				NYLON PARTED
362	BTM	3940	38 02.0N	69 24.0W	0	70- XII-14/70-XII-14				NYLON PARTED
363	BTM	4117	38 23.8N	68 18.7W	145	70- XII-14/71- V -08				GULF STREAM,CM CASE CRUSHED
364	BTM	4915	36 57.5N	67 53.2W	144	70- XII-14/71- V -07				GULF STREAM ARRAY
	3641	4712	M-249	5.27/1800	148	70- XII-14	ENDST	77-18		
365	BTM	4465	36 58.8N	69 10.5W	143	70- XII-15/71- V -07				GULF STREAM ARRAY
	3651	3933	M-172	5.27/1800	123	70- XII-19	ENDST			ROTOR FAILS DEC 29
	3652	4255	M-175	5.27/1800	31	71- II -12	ENDST			INSTRUMENT SHORTED OUT FEB 16
366	BTM	4371	36 45.0N	70 17.0W	142	70- XII-15/71- VI-06				GULF STREAM ARRAY
367	BTM	3995	37 40.0N	70 42.0W	?	70- XII-16/ LOST				GULF STREAM ARRAY
368	BTM	3955	37 57.6N	69 27.5W	143	70- XII-16/71- V -08				GULF STREAM ARRAY
	3681	3750	M-127	5.27/1800	143	70- XII-16	ENDST	77-18		

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*MOORING *NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA * NO.	*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT	COMMENTS
369	BTM	5817	22 48.2N	66 28.8W	122	71- I -21/71- V -23		ANTILLES RIDGE
3691		5616	M-259	5.27/1800	122	71- I -21 ENDST		CORROSION CAUSED ROTOR FAILURE
3692		5801	M-260	5.27/1800	122	71- I -21 ENDST		ROTOR MISSING 22 DAYS IN MIDDLE
370	BTM	5402	22 14.6N	67 18.3W	121	71- I -22/71- V -23		ANTILLES RIDGE
3701		5201	M-129	5.27/1800	87	71- I -23 ENDST	77-56	SHORT-TAPE ADVANCE PROBLEMS
3702		5386	M-173	5.27/1800	121	71- I -22 ENDST		VANE STICKY
371	BTM	5325	21 16.0N	68 01.0W	118	71- I -24/71- V -23		ANTILLES RIDGE
3711		5309	M-257	5.27/1800	118	71- I -24 ENDST		ROTOR FAILS AFTER 7 DAYS
372	BTM	100	00 22.4S	160 01.8W	?	71- IV -08/ LOST		EQUATORIAL UNDERCURRENT
373	SUR	4441	1 03.5N	50 31.7W	162	71- IV -13/71- XI-22		TOROID DRIFTED, MOORING SANK MAY 7
3731		1?	M-215	5.27/1800	116	71- IV -12 ENDST		NO ROTOR. RETURNED BY JAPANESE
3732		102	M-206	5.27/1800	91	71- IV -12 ENDST		DATA ON CHANNEL A ONLY
3733		2004	M-177	5.27/1800	142	71- IV -12 ENDST		NO ROTOR
374	SUR	4451	00 01.1N	149 55.1W	7	71- IV -16/71- IV-23		EQUATORIAL UNDERCURRENT
375	SUR	4647	1 03.5S	50 01.7W	155	71- IV -18/71- IX-20		EQUATORIAL UNDERCURRENT
3752		3100	M-142	5.27/1800	147	71- IV -30 ENDST	77-56	
376	BTM	2423	01 06.1N	150 00.9W	?	71- IV -25/ LOST		EQUATORIAL UNDERCURRENT

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE*	LONG.	*DAYS*	SET	/RECOVERED	*REPORT*	COMMENT *
*DATA NO.		*DEPTH	*INSTR.*	SAMPLING	*DAYS	*DATA START*	VARIABLES	*REPORT*	COMMENT *
377 SUR		2665	39 08.0N	70 00.3W	27	71- IV -27	71- V -24		EVALUATION OF V.A.C.M.
3772		8	V-101	5.27/900	26	71- IV -28	ENDSTT	77-56	VECTOR AVERAGING CURRENT METER
3773		10	M-198	5.27/900	28	71- IV -27	ENDSTT	77-56	MODIFIED TO INCLUDE TEMPERATURE
3774		12	V-102	5.27/900	26	71- IV -27	ENDSTT	77-56	
3776		21	M-268	5.27/900	28	71- IV -27	ENDST	77-56	
378 SUR		2665	39 07.7N	69 59.6W	27	71- IV -27	71- V -24		EVALUATION OF VACM SITE D
3781			W-101X	5.27/900	29	71- IV -27	ENDST	77-56	
3783		8	V-103	5.27/900	26	71- IV -28	ENDSTT	77-56	
3784		10	M-269	5.27/900	28	71- IV -27	ENDST	77-56	
3785		12	V-104	5.27/900	26	71- IV -28	ENDSTT	77-56	
379 SUR		2662	39 08.6N	69 59.7W	91	71- IV -28	71-VII-28		SITE D
3791			W-143X	5.27/1800	90	71- IV -28	ENDST	77-56	
3793		15	M-270	5.27/1800	92	71- IV -28	ENDST	77-56	
3794		107	M-207	5.27/1800	41	71- IV -28	ENDST		INSTRUMENT MOORED UPSIDE DOWN
3795		509	M-213	5.27/1800	92	71- V -03	ENDST	77-56	
3796		1011	M-250	5.27/1800	84	71- V -02	ENDST	77-56	
380 SUR		4160	37 19.5N	70 21.5W	2	71- IV -30	71- V -02		ENGINEERING MOORING-GULF STREAM
3803		47	M-226	5.27/450	2	71- IV -30	ENDST	77-56	
380,10		2002	M-256	5.27/450	2	71- IV -30	ENDST		NO ROTOR
380,14		4100	M-261	5.27/450	2	71- IV -30	ENDST	77-56	
381 SUR		5375	33 57.0N	69 57.5W	184	71- V -04	71- XI-04		ENGINEERING MOORING-SITE L
382 INT		4445	35 58.9N	70 30.5W	87	71- V -06	71-VIII-01		'J'
3821		2072	M-264	5.27/1800	88	71- V -06	ENDST		WATER IN CASE, NO ROTOR
3823		3041	M-265	5.27/1800	88	71- V -06	ENDST	77-56	
3824		4019	M-271	5.27/1800	88	71- V -06	ENDST	77-56	
383 BTM		4803	39 52.0N	48 32.0W	91	71- V -09	71-VIII-08		UNDER GULF STREAM

384 BTM	3578	32 58.4N	136 35.2E	108	71- VII-18/71- X -04			KUROSHIO CURRENT STUDY
3841	3423	M-261	5.27/1800	67	71- VII-08	ENDST	77-56	
385 BTM	1211	32 46.9N	134 41.0E	106	71- VI -19/71- X -03			KUROSHIO CURRENT STUDY
3851	1059	M-273	5.27/1800	108	71- VI -16	ENDST	77-56	
386 BTM	1055	32 58.3N	134 17.8E	?	71- VI -26/ LOST			KUROSHIO CURRENT STUDY
387 BTM	2236	31 29.9N	132 29.2E	97	71- VII-06/71- X -02			KUROSHIO CURRENT STUDY
3871	2086	M-274	5.27/1800	77	71- VII-06	ENDST		
388 BTM	5005	37 45.0N	64 28.8W	32	70- VI -29/71-VII-31			GULF STREAM, KELVIN SEAMOUNT
3881	4805	M-122	5.27/900	33	70- VI -28	ENDST	77-56	
389 BTM	4996	37 57.0N	64 40.5W	32	71- VI -29/71-VII-31			GULF STREAM, KELVIN SEAMOUNT
3891	4796	M-191	5.27/900	33	71- VI -28	ENDST	77-56	
390 BTM	5000	38 10.0N	64 49.0W	32	71- VI -29/71-VII-30			GULF STREAM, KELVIN SEAMOUNT
3901	5000	M-203	5.27/900	33	71- VI -28	ENDST	77-56	
391 BTM	493	38 23.7N	65 00.0W	32	71- VI -29/71-VII-30			GULF STREAM, KELVIN SEAMOUNT
3911	4931	M-205	5.27/900	33	71- VI -28	ENDST	77-56	
392 BTM	4870	38 35.0N	65 10.0W	32	71- VI -29/71-VII-30			GULF STREAM, KELVIN SEAMOUNT
3921	4640	M-272	5.27/900	33	71- VI -28	ENDST	77-56	
393 BTM	4810	38 48.0N	65 21.9W	32	71- VI -30/71-VII-30			GULF STREAM, KELVIN SEAMOUNT
3931	4610	M-276	5.27/900	33	71- VI -28	ENDST	77-56	
394 BTM	4780	39 00.0N	65 31.2W	31	71- VI -28/71-VII-30			GULF STREAM, KELVIN SEAMOUNT
3941	4580	M-277	5.27/900	33	71- VI -23	ENDST		
395 SUR	2428	39 31.6N	69 59.1W	45	71- VII-27/71-VII-10			SITE D ARRAY
3951		W-101X	5.27/1800	42	71- VII-28	ENDST	77-56	
3952	3	O-003	3600	44	71- VII-27	TT		THERMOGRAPH
3954	1014	M-204	5.27/1800	48	71- VII-27	ENDST	77-56	

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE* LONG.	*DAYS*	SET /RECOVERED		*REPORT*	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	* SAMPLING	*DAYS	*DATA START*	VARIABLES	*REPORT*	COMMENTS
396 SUR	2738		39 08.8N 70 07.4W	46	71- VII-27/71-IX-11			SITE D ARRAY
3961		W-255X	5.27/1800	43	71- VII-29	ENDST	77-56	
3962	3	O-004	3600	44	71- VII-28	TT		THERMOGRAPH
3963	12	M-249	5.27/1800	48	71- VII-27	ENDST	77-56	
397 SUR	2655		39 08.8N 69 56.5W	45	71- VII-28/71- IX-11			SITE D ARRAY
3972	3	O-002	3600	45	71- VII-28	TT		THERMOGRAPH
3973	12	M-212	5.27/1800	47	71- VII-27	ENDST		ROTOR FAILS
3974	1014	M-173	5.27/1800	47	71- VII-28	ENDST	77-56	
3975	2518	M-226	5.27/1800	48	71- VII-27	ENDST	77-56	
398 SUR	2660		39 08.7N 69 59.9W	88	71- VII-28/71- X -24			MOORING PARTED AUG 24
3982	3	O-001	3600	26	71- VII-29	TT		THERMOGRAPH
3983	12	V-102	900	5	71- VII-26	ENDSTRCVT		ROTOR FAILURE
3985	1006	M-269	5.27/1800	62	71- VII-29	ENDST	77-56	
3986	2006	M-257	5.27/1800	88	71- VII-28	ENDST	77-56	
3987	2508	M-266	5.27/1800	88	71- VII-28	ENDST		
399 SUR	2977		39 10.6N 69 15.0W	8	71- VII-29/71-VIII-06			MOORING PARTED,4 KNOT CURRENT
3993	2	G-T459	3600	7	71- VII-29	TT		THERMOGRAPH
3994	9	M-198	5.27/1800	7	71- VII-29	ENDSTT		NO TEMP,GOOD DIRECTION-SPEED
3995	1011	M-129	5.27/1800	8	71- VII-29	ENDST		NO ROTOR
400 INT	4447		35 56.8N 70 25.8W	167	71-VIII-01/71-XII-15			SITE J
4001	2037	M-227	5.27/1800	89	71- VII-30	ENDST	77-56	
4004	4003	M-259	5.27/1800	32	71- IX -19	ENDST	77-56	
401 SUB	5363		33 58.4N 69 59.9W	84	71-VIII-03/71- X-27			TEST OF POLYCARBONATED WIRE
402 SUR	2754		39 00.3N 70 07.0W	37	71-VIII-05/71- IX-11			SITE D ARRAY
4021	3	G-T463	3600	7	71-VIII-05	TT		THERMOGRAPH
4022	12	M-127	5.27/1800	46	71- VII-28	ENDST		ROTOR CAGE PULLED APART
4023	1014	M-172	5.27/1800	18	71- IX -05	ENDST		FAILED TO SWITCH CHANNELS

403 SUR	4465	35 55.5N	70 16.5W	51	71-	X -25/	71-XII-15			ENGINEERING MOORING SITE J
404 BTM	5368	34 01.0N	70 00.8W	388	71-	X -26/	72- XI-07			ENGINEERING CORROSION TEST
4041	5270	M-213	5.27/3600	330	71-	X -26	ENDST	77-56		LEAKED MARCH 31,NO ROTOR
405 SUR	5315	33 59.5N	70 06.1W	109	71-	X -26/	72- II-12			ENGINEERING MOORING
406 SUR	5460	27 59.8N	70 00.3W	101	71-	X -29/	72- II-07			SMOOTH TOPOGRAPHY MODE
4063	514	M-264	5.27/1800	30	71-	X -30	ENDST	78-5		SWORDFISH BILL STUCK,NO ROTOR
4064	816	M-271	5.27/1800	105	71-	X -28	ENDST	78-5		
4065	1518	V-103	900	108	71-	X -29	ENDSTT	78-5		
4066	1620	M-205	5.27/1800	109	71-	X -28	ENDST	78-5		
4067	4003	M-240	5.27/1800	50	71-	X -30	ENDST	78-5		
4068	4202	M-281	5.27/1800	100	71-	X -30	ENDST	78-5		
407 SUR	5460	28 00.4N	70 20.6W	102	71-	X -30/	72- II-09			SMOOTH TOPOGRAPHY MODE
4071	514	M-207	5.27/1800	116	71-	X -20	ENDST	78-5		
4072	1516	M-174	5.27/1800	108	71-	X -28	ENDSTT	78-5		
4073	4001	M-272	5.27/1800	102	71-	X -30	ENDST	78-5		
408 INT	5470	27 49.0N	70 08.8W	102	71-	X -30/	72- II-09			SMOOTH TOPOGRAPHY MODE
4081	1503	M-149	5.27/1800	115	71-	X -21	ENDST	78-5		ROTOR QUESTIONABLE
409 INT	5465	28 01.5N	70 06.8W	102	71-	X -30/	72- II-09			SMOOTH TOPOGRAPHY MODE
4091	1522	M-212	5.27/1800	105	71-	X -30	ENDSTT	78-5		
4092	4028	M-250	5.27/1800	101	71-	X -31	ENDST	78-5		
410 INT	5460	28 21.5N	69 41.5W	101	71-	X -31/	72- II-09			SMOOTH TOPOGRAPHY MODE
4101	1504	M-122	5.27/1800	104	71-	X -29	ENDST	78-5		
4102	4008	M-277	5.27/1800	100	71-	X -31	ENDST	78-5		
411 INT	5427	28 00.7N	69 31.3W	99	71-	X -31/	72- II-07			SMOOTH TOPOGRAPHY MODE
4111	1476	M-265	5.27/1800	14	71-	XII-13	ENDST	78-5		DID NOT SWITCH CHANNELS
4112	3981	M-191	5.27/1800	105	71-	X -28	ENDST			INTERMITTENT ROTOR
412 INT	5455	28 00.2N	69 41.5W	99	71-	X -31/	72-II-07			SMOOTH TOPOGRAPHY MODE
4121	1502	M-129	5.27/1800	112	71-	X -21	ENDSTT	78-5		NO DATA AFTER DEC 24
4123	4005	M-225	5.27/1800	105	71-	X -29	ENDST			PROGRESSIVE ELECTRONIC FAILURE

*MOORING *NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA * NO.		*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT* COMMENTS
413	BTM	5460	28 00.3N	69 58.2W	2	71- X -31/71- XI-02		ACOUSTIC DROPSONDE EXPERIMENT
414	BTM	5460	28 02.1N	70 00.4W	2	71- X -31/71- XI-02		ACOUSTIC DROPSONDE EXPERIMENT
415	BTM	5454	23 21.7N	69 08.6W	166	71- XI -20/72- V -04		OUTER ANTILLES RIDGE
4151		5352	M-260	5.27/3600	171	71- XI -19	ENDST	MARGINAL QUALITY DIRECTIONS
416	BTM	5392	23 48.2N	68 38.1W	166	71- XI -20/72- V -04		OUTER ANTILLES RIDGE
4161		5290	M-262	5.27/1800	174	71- XI -19	ENDST	VANE BIT PROBLEM
417	BTM	5378	23 48.1N	69 36.7W	164	71- XI -21/72- V -04		OUTER ANTILLES RIDGE
418	INT	2690	39 08.0N	69 59.0W	10	71- XII-10/71-XII-20		COHERENCE WITH 419
4181		500	1017	900	9	71- XII-11	PT	
4182		512	M-175	5.27/450	11	71- XII-08	ENDSTT	77-56
4183		500	O-003	900	9	71- XII-11	TT	THERMOGRAPH
4184		565	M-127	5.27/450	10	71- XII-10	ENDSTT	77-56
4185		617	M-206	5.27/450	10	71- XII-10	ENDSTT	77-56
4186		600	O-004	900	9	71- XII-11	TT	THERMOGRAPH
419	INT	2654	39 08.4N	69 59.0W	9	71- XII-10/71-XII-20		COHERENCE WITH 418
4191		500	M-177	5.27/450	9	71- XII-10	ENDSTT	77-56
4192		500	O-001	900	8	71- XII-12	TT	THERMOGRAPH
4193		542	M-204	5.27/450	9	71- XII-10	ENDSTT	77-56
4195		600	O-002	900	8	71- XII-12	TT	THERMOGRAPH
420	SUR	2654	39 09.7N	69 57.1W	153	71- XII-12/72-III-13		SLOPE ARRAY SITE D
4201			W-143X	5.27/1800	103	71- XII-12	ENDST	77-56
4203		54	M-249	5.27/1800	96	71- XII-08	ENDST	77-56
4204		206	M-226	5.27/1800	76	71- XII-12	ENDST	77-56
4205		1008	M-266	5.27/1800	28	72- I -13	ENDST	77-56
4206		2063	M-142	5.27/1800	92	71- XII-12	ENDST	77-56
4208		2527	M-238	5.27/1800	63	71- XII-08	ENDST	INSTRUMENT FAILED FEB 10
421	INT	4440	35 58.3N	70 29.0W	92	71- XII-13/72-III-14		SITE J
4211		2000	M-173	5.27/1800	92	71- XII-13	ENDST	77-56

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*MOORING *NO.* *TYPE	*DEPTH	*LATITUDE* LONG.	*DAYS*	SET /RECOVERED	*REPORT*	COMMENTS
*DATA * NO.	*DEPTH	*INSTR.* SAMPLING	*DAYS	*DATA START* VARIABLES	*REPORT*	COMMENTS
422 INT	2724	39 02.3N 70 02.1W	108	72- II-01/72- V -19		SLOPE ARRAY
4221	1027	M-257 5.27/1800	114	72- I -26 ENDST	DC	
4222	2495	M-274 5.27/1800	108	72- I -31 ENDST	DC	
423 INT	2729	39 10.5N 70 33.3W	108	72- II-01/72- V -19		SLOPE ARRAY
4231	1017	M-270 5.27/1800	110	72- I -31 ENDST	DC	
4232	2001	M-273 5.27/1800	110	72- I -31 ENDST	DC	
424 SUR	5254	28 09.1N 68 36.8W	112	72- II-06/72- V -28		MODE
4242	1519	M-175T 5.27/1800	120	72- I -26 ENDSTT	78-5	
4243	4074	M-127T 5.27/1800	170	72- I -26 ENDSTT	78-5	
4244	5131	M-206T 5.27/1800	120	72- I -26 ENDSTT	78-5	
425 SUR	5462	28 00.8N 69 39.8W	?	72- II-08/ LOST		MODE
426 BTM	1756	17 36.6N 65 15.1W	39	72- III-17/72- IV-25		CARIBBEAN OVERFLOW
4261	1704	M-122T 5.27/450	40	72- III-16 ENDSTT		NO COMPASS VALUES
4262	1746	M-129T 5.27/450	7	72- III-16 ENDSTT		INSTRUMENT FAILED AFTER 7 DAYS
427 BTM	1809	17 35.3N 65 14.6W	39	72- III-17/72- IV-25		CARIBBEAN OVERFLOW
4271	1741	M-174T 5.27/450	40	72- III-16 ENDSTT		VANE STUCK AFTER APRIL 14
4272	1791	M-212T 5.27/450	40	72- III-16 ENDSTT		
428 SUR	2640	39 12.7N 69 58.2W	0	72- III-12/72-III-12		TEST FAKING BOX DEPLOYMENT

*MOORING *NO.	*TYPE	*DEPTH	*LATITUDE* LONG.	*DAYS*	SET /*RECOVERED	*REPORT*	COMMENTS
*DATA * NO.		*DEPTH	*INSTR.* SAMPLING	*DAYS	*DATA START* VARIABLES	*REPORT*	COMMENTS
429	SUR	2656	39 10.1N 69 59.3W	172	72- III-12/72- IX-01		SLOPE ARRAY
4291			W-169X 5.27/1800	173	72- III-12 ENDST	DC	
4293		52	M-259 5.27/1800	126	72- III-10 ENDST	DC	
4294		197	M-215 5.27/1800	173	72- III-12 ENDST	DC	
4295		962	M-276 5.27/1800	172	72- III-12 ENDST	DC	
4296		1998	M-227 5.27/1800	95	72- III-12 ENDST	DC	
4297		2347	M-250 5.27/1800	173	72- III-12 ENDST	DC	
430	INT	5221	28 09.8N 68 34.5W	68	72- III-18/72- V -25		BUMPY TOPOGRAPHY MODE
4301		3975	V-0107 900	86	72- III-11 ENDSTT	78-5	
4302		5119	M-207 5.27/900	70	72- III 17 ENDST	78-5	
431	INT	5370	28 20.3N 68 24.8W	68	72- III-19/72- V -26		BUMPY TOPOGRAPHY MODE
4312		3955	M-272 5.27/900	69	72- III-19 ENDST	78-5	
432	INT	5380	28 10.0N 68 23.0W	0	72- III-19/72-III-19		ABORTED-HUMAN ERROR
433	INT	5380	28 10.5N 68 23.8W	68	72- III-20/72- V -27		BUMPY TOPOGRAPHY MODE
4332		3990	M-191 5.27/900	43	72- III-19 ENDST	78-5	
434	INT	5275	28 10.2N 68 11.8W	67	72- III-20/72- V -26		BUMPY TOPOGRAPHY MODE
4342		3970	M-265 5.27/900	69	72- III-20 ENDST	78-5	
435	INT	5280	27 58.7N 68 24.7W	67	72- III-21/72- V -26		BUMPY TOPOGRAPHY MODE
4354		3968	V-0112 900	86	72- III-11 ENDSTT	78-5	STICKY VANE
436	SUR	1072	39 51.1N 70 05.2W	10	72- III-25/72- VI-04		ENGINEERING MOORING, FLOAT TEST

437 BTM	5477	37 00.0N	49 44.2W	59	72- IV -03/72- VI-0(			CURRENTS UNDER GULF STREAM
4371	5217	M-238	5.27/900	20	72- IV -03	ENDST	DC	
438 BTM	5421	37 30.6N	49 44.4W	58	72- IV -08/72- VI-06			CURRENTS UNDER GULF STREAM
4381	5161	M-225	5.27/900	60	72- IV -06	ENDST	DC	
439 BTM	5412	37 59.6N	49 45.9W	58	72- IV -09/72- VI-06			CURRENTS UNDER GULF STREAM
4391	5152	M-240	5.27/900	66	72- III-31	ENDST		VANE VERY STICKY
440 BTM	5419	38 17.6N	49 46.6W	56	72- IV-10/72- VI-05			CURRENTS UNDER GULF STREAM
4401	5159	M-256	5.27/900	66	72- III-31	ENDST	DC	
441 BTM	5419	38 39.0N	49 47.3W	156	72- IV -10/72- VI-05			CURRENTS UNDER GULF STREAM
4411	4600	M-226	5.27/900	60	72- IV -06	ENDST	DC	
4412	5159	V-0117	900	56	72- IV -10	ENDSTT	DC	
442 BTM	5416	39 00.0N	49 46.0W	56	72- IV -10/72- VI-05			CURRENTS UNDER GULF STREAM
4421	4597	M-205	5.27/900	59	72- IV -06	ENDST	DC	
4422	5156	V-0113	3600	55	72- IV -10	ENDSTRT	DC	
443 BTM	5416	39 23.2N	49 46.1W	55	72- IV -10/72- VI-04			CURRENTS UNDER GULF STREAM
4431	4597	M-271	5.27/900	59	72- IV -06	ENDST	DC	
4432	5156	V-0116	900	70	72- IV -04	ENDSTT	DC	
444 BTM	5413	39 40.3N	49 41.8W	54	72- IV -11/72-VI-04			CURRENTS UNDER GULF STREAM
4441	4594	M-266	5.27/900	64	72- III-31	ENDST	DC	
4442	5153	V-0120	900	54	72- IV -10	ENDSTT	DC	VANE STUCK AFTER MAY 13
445 BTM	5348	40 03.3N	49 46.8W	53	72- IV -11/72- VI-03			CURRENTS UNDER GULF STREAM
4451	5124	M-277	5.27/900	64	72- III-31	ENDST	DC	23 DAYS OF ROTOR
446 BTM	4244	40 33.5N	49 45.0W	53	72- IV -11/72- VI-03			CURRENTS UNDER GULF STREAM
4461	3983	M-281	5.27/900	64	72- III-31	ENDST		ELECTRICAL PROBLEMS
447 BTM	3683	41 00.2N	49 46.0W	52	72- IV -12/72- VI-03			CURRENTS UNDER GULF STREAM
4471	3422	M-264	5.27/900	63	72- III-31	ENDST	DC	

*MOORING *NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED		*REPORT	COMMENTS
*DATA * NO.	*DEPTH	*INSTR.	* SAMPLING	*DAYS	*DATA START	VARIABLES		*REPORT	COMMENTS
448 BTM	3018		41 30.0N	49 44.0W	52	72- IV -12/72- VI-05			CURRENTS UNDER GULF STREAM
4481	7580	M-198T	5.27/900		52	72- IV -11	ENDSTT		NO USEABLE DATA
449 INT	2769		38 58.8N	70 00.3W	102	72- V -19/72-VIII-29			SLOPE ARRAY
4491	1049	M-142	5.27/1800		105	72- V -16	ENDST	DC	
4492	1049	M-249	5.27/1800		105	72- V -16	ENDST	DC	
450 INT	2754		39 09.2N	70 30.8W	102	72- V -19/72-VIII-29			SLOPE ARRAY
4501	1014	M-173	5.27/1800		103	72- V -18	ENDST	DC	
4502	2008	M-212T	5.27/1800		84	72- VI -06	ENDSTT	DC	ROTOR QUESTIONABLE
451 SUR	5437		28 54.4N	69 41.0W	162	72- V -23/72- XI-01			MIXED TOPOGRAPHY MODE
4512	515	V-0105	1800		171	72- V -23	ENDSTT	78-5	
4513	4191	M-269	5.27/1800		162	72- V -23	ENDST	78-5	
452 INT	5452		27 59.8N	70 38.7W	161	72- V -23/72- X -31			MIXED TOPOGRAPHY MODE
4522	561	V-0121	900		154	72- V -16	ENDSTT	78-5	
4525	2075	TD#6	86400		156	72- V -25	TPT		TEMPERATURE/PRESSURE RECORDER
4526	4181	M-292	5.27/1800		161	72- V -23	ENDST	78-5	
453 SUR	5261		28 10.1N	68 38.2W	158	72- V -25/72- X -30			MIXED TOPOGRAPHY MODE
4532	514	V-0114	900		177	72- V -16	ENDSTT	78-5	
4533	1516	V-0115	900		127	72- V -25	ENDSTT	78-5	
4535	3970	TD#3	86400		153	72- V -27	TPT		TEMPERATURE/PRESSURE RECORDER
4536	4075	V-0118	900		156	72- V -26	ENDSTT	78-5	
454 SUR	5462		27 33.7N	69 41.8W	156	72- V -28/72- X -31			MIXED TOPOGRAPHY MODE
4541		W-255X	5.27/1800		88	72- V -16	ENDST	78-5	
4543	514	V-0103	1800		173	72- V -20	ENDSTT		BAD DIRECTIONS
4544	4207	M-260	5.27/1800		157	72- V -27	ENDST	78-5	
455 SUR	5462		28 00.6N	69 37.6W	160	72- V -28/72- XI-04			MIXED TOPOGRAPHY MODE
4552	514	V-0129	450		98	72- V -28	TTT	78-5	
4553	1516	V-0119	900		173	72- V -16	ENDSTT	78-5	
4554	4208	M-262	5.27/1800		161	72- V -27	ENDST	78-5	

456 INT	2998	33 42.0N	62 35.5W	147	72-	V -31/72- X -25		MUIR SEAMOUNT
4561	2015	M-122T	5.27/1800	148	72-	V -30	ENDSTT DC	
4563	2898	M-129	5.27/1800	69	72-	V -31	ENDSTT	QUESTIONABLE DATA
457 INT	4817	33 41.4N	62 51.9W	?	72-	V -31/ LOST		MUIR SEAMOUNT
458 INT	2263	39 36.6N	70 00.2W	147	72-	VII-11/72-XII-05		L.F. CURRENT VARIBILITY
4581	1963	V-0138	900	147	72-	VII-11	ENDSTT	NO ROTOR 1-BIT MODIFICATION
4582	2163	V-0120	900	163	72-	VII-08	ENDSTT	VANE STUCK
459 BTM	2709	39 09.9N	70 14.5W	150	72-	VII-11/72-XII-08		L.F. CURRENT VARIBILITY
4591	2607	V-0107	900	61	72-	VII-14	ENDSTT	TOO MANY ROTOR ZERO'S
460 BTM	2664	39 09.8N	70 03.9W	150	72-	VII-11/72-XII-08		L.F. CURRENT VARIBILITY
4601	2364	V-0135	900	160	72-	VII-11	ENDSTT	VANE STUCK
4602	2564	V-0117	900	221	72-	VII-14	ENDSTT	VANE STUCK
461 BTM	2669	39 07.2N	70 00.0W	0	72-	VII-11/ LOST		L.F. CURRENT VARIBILITY
462 INT	501	39 54.7N	70 46.4W	21	72-	VII-15/72-VIII-05		INTERNAL WAVE PROPOGATION
4623	59	V-0112	56.25	23	72-	VII-15	ENDSTT DC	
4624	84	V-0113	56.25	20	72-	VII-15	ENDSTT DC	

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA NO.		*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT COMMENTS
463	SUR	2646	39 13.0N	70 03.0W	11	72-VIII-24/72- IX-04		SCOR WG 21
4634		47	V-0112	56.25	16	72-VIII-21	ENDSTT *	
4635		48	LSK#20	900	11	72-VIII-24	ENDST *	
4636		49	1246	900	9	72-VIII-24	DST *	
4637		53	M-277	3600	11	72-VIII-24	ENDST *	
4638		197	V-0126	56.25	11	72-VIII-24	ENDSTT *	
4639		198	LSK#17	900	11	72-VIII-24	ENDST *	
463,10		199	1250	900	9	72-VIII-24	DST *	
463,11		203	M-238	5.27/900	12	72-VIII-23	ENDST *	
463,13		999	V-0113	56.25	14	72-VIII-23	ENDSTT *	
463,14		1000	LSK#0	900	11	72-VIII-24	ENDST *	
463,15		1001	1255	900	4	72-VIII-24	DST *	
463,16		1005	M-273	3600	11	72-VIII-24	ENDST *	
464	INT	2649	39 12.7N	70 02.7W	11	72-VIII-24/72- IX-04		SCOR WG 21
4642		161	V-0111	3600	10	72-VIII-24	ENDSTRT *	
4643		163	LSK#16	900	10	72-VIII-24	ENDST *	
4644		202	#1251	900	10	72-VIII-24	DST *	
4645		206	M-274	5.27/900	12	72-VIII-23	ENDST *	
4647		1002	V-0133	3600	10	72-VIII-24	ENDSTRT *	
4648		1006	1260	900	10	72-VIII-24	DST *	
4649		1010	M-266	5.27/900	12	72-VIII-23	ENDST *	
								* UNESCO TECHNICAL PAPER IN MARINE SCIENCE NUMBER 23.
465	INT	2756	38 59.0N	70 00.0W	103	72-VIII-29/72-XII-10		INTERNAL WAVE PROPAGATION
4651		985	M-206T	5.27/1800	107	72-VIII-29	ENDSTT DC	
4652		2487	M-256	5.27/1800	107	72-VIII-29	ENDST DC	
466	INT	2746	39 09.2N	70 30.8W	101	72-VIII-29/72-XII-08		INTERNAL WAVE PROPAGATION
4661		983	M-272	5.27/1800	107	72-VIII-29	ENDST DC	
4662		1980	M-264	5.27/1800	107	72-VIII-29	ENDST DC	

467 SUR	2655	39 11.0N	69 59.3W	0	72-VIII-31/72-VIII-31			ABORTED-FAKING BOX FAILURE
468 INT	2666	39 10.0N	70 02.8W	99	72- IX -04/72-XII-12			
4683	2364	M-257	5.27/1800	100	72-VIII-31	ENDST	DC	
4684	2564	M-191	5.27/1800	59	72- IX -04	ENDST	DC	
469 INT	5462	28 02.9N	69 36.4W	6	72- X -28/72- XI-03			MOORING DYNAMICS
4691	537	V-0126	28.125	17	72- X -22	ENDSTT	DC	
4695	1057	V-0136	14.0625	22	72- X -22	ENDSTT	DC	
4696	1564	V-0133	28.125	17	72- X -22	ENDSTT	DC	
4699	2518	V-0137	28.125	17	72- X -22	ENDSTT	DC	
469.12	3514	V-0139	28.125	5	72- X -29	ENDSTT	DC	
470 BTM	5462	28 02.3N	69 34.6W	7	72- X -28/72- XI-04			MOORING DYNAMICS
4701	5570	TP#10	30	6	72- X -29	TPT		TEMPERATURE/PRESSURE RECORDER
471 BTM	5462	28 05.0N	69 36.4W	7	72- X -28/72- XI-04			MOORING DYNAMICS
4711	5403	TP#09	30	6	72- X -29	TPT		TEMPERATURE/PRESSURE RECORDER
472 BTM	5462	28 02.8N	69 38.8W	7	72- X -29/72- XI-04			MOORING DYNAMICS
4721	5471		30	6	72- X -29	TPT		TEMPERATURE/PRESSURE RECORDER

*MOORING *NO.	*TYPE	*DEPTH	*LATITUDE* LONG.	*DAYS*	SET /RECOVERED	*REPORT*	COMMENTS
*DATA * NO.	*DEPTH	*INSTR.	* SAMPLING	*DAYS	*DATA START* VARIABLES	*REPORT*	COMMENTS
473	INT	5261	28 10.7N 68 36.1W	132	72- X -30/73-III-11		MODE
4732		370	M-173 5.27/1800	47	72- X -31 ENDST	78-5	ROTOR INTERMITTANT AFTER DEC 17
4734		1385	M-249 5.27/1800	132	72- X -30 ENDST	78-5	
4735		3180	M-281 5.27/900	132	72- X -30 ENDST	78-5	EXTRA COUNTS IN EACH ROTOR VALUE
474	INT	5462	28 01.4N 69 39.4W	126	72- XI -04/73-III-10		MODE
4742		583	M-227 5.27/1800	126	72- XI -04 ENDSTR	78-5	
4743		1595	M-259 5.27/1800	157	72- X -16 ENDST	78-5	
4744		4105	M-276 5.27/1800	126	72- XI -04 ENDST	78-5	
475	BTM	2687	39 06.5N 70 04.2W	5	72- XII-05/72-XII-10		TRANSPONDER TEST
476	INT	2685	39 04.4N 69 58.7W	1	72- XII-06/72-XII-0[illegible]		TEST FAKING BOX LAUNCH
477	INT	2653	39 09.9N 70 00.6W	108	72- XII-08/73-III-26		FAKING BOX LAUNCH
4772		200	M-274 5.27/1800	107	72- XII-09 ENDST	DC	
4774		2002	M-240 5.27/1800	111	72- XII-06 ENDST	DC	
4775		2552	M-265 5.27/1800	107	72- XII-08 ENDST	DC	
478	INT	2742	39 09.9N 70 30.3W	110	72- XII-09/73-III-29		FAKING BOX LAUNCH
4781		991	M-238 5.27/1800	112	72- XII-08 ENDST	DC	
4782		1991	M-271 5.27/1800	108	72- XII-10 ENDST	DC	
479	INT	2558	39 23.0N 69 59.5W	106	72- XII-10/73-III-26		FAKING BOX LAUNCH
4791		1009	M-277 5.27/1800	109	72- XII-09 ENDST	DC	
4792		2028	M-266 5.27/1800	108	72- XII-09 ENDST	DC	

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*MOORING NO.	*TYPE DATA NO.	*DEPTH	*INSTR.	*LATITUDE* SAMPLING	LONG.	*DAYS*	*DATA START* SET / RECOVERED	*VARIABLES	*REPORT*	*COMMENTS
480	INT	5462		28 03.8N	69 39.0W	?	73- III-10/	LOST		MODE
481	INT	5462		27 59.8N	69 39.0W	116	73- III-10/73-VII-04			MODE
	4811	499	V-0180	900		146	73- II -21	ENDSTT	76-101	
	4812	501	V-0112	900		115	73- III-11	ENDSRTT	76-101	
	4813	599	V-0110	900		115	73- III-11	ENDSRTT		
	4814	602	TP#07	960		112	73- III-12	TPT	76-101	
	4815	800	V-0115	900		115	73- III-11	ENDSRTT		
	4816	803	TP#05	960		111	73- III-12	TPT	76-101	
	4817	1002	TP#46	960		111	73- III-12	TPT	76-101	
	4818	1202	TP#58	960		111	73- III-12	TPT	76-101	
	4819	1496	V-0182	900		139	73- II -27	ENDSTT	76-101	
	481.12	2996	V-0119	900		146	73- II -21	ENDSTT	76-101	
	481.15	4006	M-218	5.27/900		116	73- III-10	ENDST	76-101	
	481.18	5358	M-221	5.27/900		115	73- III-11	ENDST	76-101	
482	INT	5239		28 09.3N	68 39.3W	106	73- III-12/73- VI-26			MODE
	4821	497	V-0121	900		103	73- III-12	ENDSTT	76-101	
	4822	598	TP#15	960		102	73- III-13	TPT	76-101	
	4823	796	V-0130	900		102	73- III-14	ENDSTT	76-101	
	4825	1496	V-0135	900		141	73- II -25	ENDSTT	76-101	
	4826	3000	V-0126	900		141	73- II -25	ENDSTT	76-101	
	4827	4000	V-0105	900		141	73- II -25	ENDSTT	76-101	

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE*	LONG.	*DAYS*	SET /RECOVERED	*REPORT*	COMMENTS
*DATA * NO.	*DEPTH	*INSTR.	* SAMPLING	*DAYS	*DATA START	* VARIABLES	*REPORT	* COMMENTS
483	INT	5192	29 02.3N	68 13.8W	113	73- III-12/73-VII-03		MODE
4831		499	V-0113	900	142	73- II -21	ENDSTT	76-101
4832		601	TP#43	960	109	73- III-14	TPT	76-101
4833		813	V-0175	900	135	73- II -26	ENDSTT	76-101
4834		816	TP#44	960	109	73- III-14	TPT	76-101
4835		1498	V-0117	900	137	73- II -25	ENDSTT	76-101
4836		2998	V-0107	900	142	73- II -21	ENDSTT	76-101
4837		3994	V-0177	900	142	73- II -21	ENDSTT	76-101
4838		5093	TP#11	960	109	73- III-14	TPT	76-101
484	INT	5151	27 25.1N	67 59.5W	112	73- III-13/73-VII-03		MODE
4841		513	V-0108	900	19	73- III-13	ENDSTT	76-101
4842		615	TP#50	960	108	73- III-15	TPT	76-101
4843		813	V-0175	900	135	73- II -26	ENDSTT	76-101
4844		816	TP#45	960	108	73- III-15	TPT	76-101
4846		3009	V-0181	900	137	73- II -25	ENDSTT	76-101
4847		4009	V-0185	900	134	73- II -27	ENDSTT	76-101
485	INT	5420	26 23.8N	69 21.0W	111	73- III-13/73-VII-02		MODE
4851		509	V-0178	900	140	73- II -25	ENDSTT	76-101
4852		611	TP#39	960	107	73- III-15	TPT	76-101
4853		809	V-0155	900	132	73- III-03	ENDSTT	76-101
4854		1010	TP#57	960	21	73- III-15	TPT	76-101
4855		1212	TP#60	960	107	73- III-15	TPT	76-101
4856		1507	V-0139	900	136	73- II -25	ENDSTT	76-101
4857		2008	TP#80	960	107	73- III-15	TPT	76-101
4858		2510	TP#19	960	107	73- III-15	TPT	76-101
485,10		4007	TP#27	960	107	73- III-15	TPT	76-101
485,11		4399	TP#32	960	107	73- III-15	TPT	76-101
485,12		5317	TP#10	960	107	73- III-15	TPT	76-101

486 INT	5474	26 57.5N	70 02.6W	110	73- III-14/73-VII-02				MODE
4861	492	V-0131	900	138	73- II -27	ENDSTT	76-101	INTERMITTENT ROTOR	
4864	1490	V-0184	900	135	73- II -27	ENDSTT	76-101		
4865	2985	V-0106	900	126	73- II -25	ENDSTT	76-101		
4866	3986	TP#28	960	105	73- III-16	TPT	76-101		
487 SLR	5327	28 33.0N	71 22.6W	0	73- III-15/73-III-15			ABORTED,MOORING PARTED	
488 INT	5325	28 33.1N	71 22.9W	108	73- III-15/73-VII-01				MODE
4881	507	V-0109	900	21	73- IV -03	ENDSRT			
4882	609	TP#41	960	104	73- III-17	TPT	76-101		
4883	807	V-132	900	107	73- III-27	ENDSTT	76-101		
4885	3000	V-0183	900	135	73- II -27	ENDSTT	76-101		
4886	4000	TP#29	960	104	73- III-17	TPT	76-101		
489 INT	5440	29 35.0N	69 59.1W	106	73- III-16/73- VI-30				MODE
4891	507	V-0141	900	106	73- III-16	ENDSTT	76-101		
4892	609	TP#42	960	103	73- III-17	TPT	76-101		
4893	807	V-0174	900	135	73- II -26	ENDSTT	76-101		
4894	1505	V-0111	900	142	73- II -21	ENDSTT	76-101		
4895	3000	V-0179	900	129	73- III-05	ENDSTT	76-101		
4896	4001	TP#21	960	103	73- III-17	TPT	76-101		

*MOORING NO.	*TYPE DATA	*DEPTH	*LATITUDE	LONG.	*DAYS	SET / DATA START	RECOVERED / VARIABLES	*REPORT	COMMENTS
	* NC.	*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT	COMMENTS
490	SUB	2559	39 23.7N	69 59.3W	207	73- III-26	/73- X -15		SET BY FAKING BOX, SITE D
	4901	999	M-257	5.27/1800	207	73- III-26	ENDST	79-87	
	4902	2011	M-215	5.27/1800	207	73- III-26	ENDST	79-87	
491	SUB	2654	39 08.2N	69 58.1W	207	73- III-26	/73- X -16		SET BY FAKING BOX, SITE D
	4911	205	M-191	5.27/1800	207	73- III-26	ENDST	79-87	
	4912	1019	M-207	5.27/1800	207	73- III-26	ENDST	79-87	
	4913	2030	M-250	5.27/1800	207	73- III-26	ENDST	79-87	
	4914	2550	M-205	5.27/1800	207	73- III-26	ENDST	79-87	
492	SUR	2770	39 10.0N	70 30.4W	207	73- III-29	/73- X -16		SITE D
	4921	1006	M-272	5.27/1800	207	73- III-26	ENDST		
	4922	2019	M-264	5.27/1800	207	73- III-26	ENDST	79-87	
493	INT	5446	28 42.0N	70 15.8W	91	73- IV -03	/73- VI-30		MODE
	4931	491	V-0199	900	86	73- IV -03	ENDSTT	76-101	
	4932	593	TP#34	86400	87	73- IV -03	TPT	76-101	
	4933	791	M-142T	5.27/1800	86	73- IV -03	ENDSTT	76-101	
	4934	992	TP#52	86400	87	73- IV -03	TPT	76-101	
	4935	1489	V-0195	900	86	73- IV -03	ENDSTT	76-101	
	4936	2994	V-0138	900	86	73- IV -03	ENDSTT	76-101	
	4937	4000	TP#25	86400	87	73- IV -03	TPT	76-101	
494	INT	5446	27 49.8N	70 39.8W	89	73- IV -03	/73- VI-29		MODE
	4941	492	V-0127	900	85	73- IV -03	ENDSTT	76-101	
	4942	594	TP#33	86400	87	73- IV -03	TPT	76-101	T/P RECORDER
	4944	993	TP#51	86400	87	73- IV -03	TPT	76-101	
	4945	1490	V-0118	900	85	73- IV -03	TT	76-101	
	4946	2994	V-0133	900	85	73- IV -03	ENDSTT	76-101	

495 INT	5477	27 08.8N	70 00.0W	89	73- IV -03/73- VI-29				MODE
4951	496	V-0163	900	84	73- IV -03	ENDSTT	76-101		
4952	598	TP#38	86400	85	73- IV -03	TPT	76-101	T/P RECORDER	
4953	796	M-212T	5.27/1800	84	73- IV -03	ENDST	76-101		
4955	1494	V-0105	900	85	73- IV -03	ENDSTT	76-101		
4957	3971	TP#26	86400	85	73- IV -03	TPT	76-101	T/P RECORDER	
4958	5376	M-122T	5.27/1800	72	73- IV -03	ENDSTT	76-101		
496 INT	5286	27 18.0N	69 01.2W	0	73- IV -02/76- IV-02			ABORTED,LINE PARTED	MODE
497 INT	5286	27 18.0N	69 01.0W	87	73- IV -04/73- VI-28				MODE
4971	482	V-0120	900	82	73- IV -05	ENDSTT	76-101		
4972	478	TP#37	86400	82	73- IV -05	TPT	76-101	T/P RECORDER	
4973	782	M-213T	5.27/1800	81	73- IV -05	TT	76-101		
4974	880	TP#55	86400	83	73- IV -04	TPT	76-101	T/P RECORDER	
4975	1080	TP#59	86400	83	73- IV -04	TPT	76-101	T/P RECORDER	
4978	2392	TP#18	86400	83	73- IV -04	TPT	76-101	T/P RECORDER	
497.10	3433	TD308	86400	83	73- IV -04	TPT	76-101	T/P RECORDER	
497.11	3987	M-206T	5.27/1800	82	73- IV -05	ENDSTT	76-101		
497.12	4346	TP#31	86400	83	73- IV -04	TPT	76-101	T/P RECORDER	
497.13	5191	M-129T	5.27/1800	75	73- IV -05	ENDST	76-101		
497.14	5185	TP#09	86400	83	73- IV -04	TPT	76-101	T/P RECORDER	
498 INT	5463	27 33.1N	69 34.1W	86	73- IV -05/73- VI-28				MODE
4981	498	V-0103	900	82	73- IV -05	ENDSTT	76-101		
4982	513	TP#36	86400	82	73- IV -05	TPT	76-101	T/P RECORDER	
4983	798	V-0158	900	82	73- IV -05	ENDSTT	76-101		
4984	814	TP#49	86400	82	73- IV -05	TPT	76-101	T/P RECORDER	
4985	1496	V-0202	900	82	73- IV -05	ENDSTT	76-101		
4987	3548	TP#23	86400	82	73- IV -05	TPT	76-101	T/P RECORDER	

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED		*REPORT	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES		*REPORT	COMMENTS
499	INT	5461	28 08.9N	70 08.1W	86	73- IV -06/73- VI-28			MODE
4991		498	V-C193	900	30	73- IV -06	ENDSTT	76-101	
4992		531	TP#14	86400	81	73- IV -05	TPT	76-101	T/P RECORDER
4993		798	V-C159	900	80	73- IV -06	ENDSTT	76-101	
4994		533	TP#48	86400	81	73- IV -05	TPT	76-101	T/P RECORDER
4995		1496	V-0205	900	80	73- IV -06	TT	76-101	
4996		2996	V-C102	900	108	74- II -14	ENDSTT	76-101	TIME BASE QUESTIONABLE
4997		3956	TP#22	86400	81	73- IV -05	TPT	76-101	T/P RECORDER
500	INT	5456	28 17.0N	69 16.3W	84	73- IV -04/73- VI-27			MODE
5001		375	V-0129	3600	21	73- IV -04	ENDSTTT	76-101	
5002		485	TP#13	86400	18	73- IV -06	TPT	76-101	T/P RECORDER
5003		681	V-0156	3600	21	73- IV -04	ENDSTT	76-101	
5004		882	TP#47	86400	18	73- IV -06	TPT	76-101	T/P RECORDER
5005		1492	V-0201	900	80	73- IV -06	ENDSTT	76-101	
5007		3936	TP#30	86400	18	73- IV -06	TPT	76-101	T/P RECORDER
501	INT	5379	28 50.1N	69 18.0W	87	73- IV -07/73- VI-30			MODE
5011		492	V-0164	900	82	73- IV -07	ENDSTT	76-101	
5012		523	TP#35	86400	83	73- IV -06	TPT	76-101	T/P RECORDER
5013		792	M-198T	5.27/1800	88	73- IV -03	ENDSTT	76-101	
5015		1490	V-0128	900	82	73- IV -07	ENDSTT	76-101	
5016		2987	V-0204	900	82	73- IV -07	ENDSTT	76-101	
5017		3986	M-175T	5.27/1800	87	73- IV -03	ENDSTRT	76-101	
5018		5282	M-284	5.27/1800	83	73- IV -06	ENDST	76-101	
502	INT	5255	28 08.9N	68 41.4W	170	73- VI -26/73-XII-13			MODE
5021		516	M-249	5.27/1800	170	73- VI -26	ENDSTR	78-5	
5022		1524	M-173	5.27/1800	171	73- VI -23	ENDSTR	78-5	
5023			M-274	5.27/1800	170	73- VI -26	ENDSTR	78-5	
503	INT	5461	28 00.1N	69 44.4W	170	73- VI -27/73-XII-14			MODE
5031		494	M-238	5.27/1800	170	73- VI -27	ENDSTR	78-5	
5032		1501	M-273	5.27/1800	166	73- VI -27	ENDSTR	78-5	

504 INT	1539	20 18.0N	73 38.4W	112	73-	XI -09/74-III-02			WINDWARD PASSAGE
5041	1045	M-269	5.27/1800	113	73-	XI -09	ENDSTR	77-29	
5044	1456	M-271	5.27/1800	113	73-	XI -09	ENDSTR	77-29	SEVERE ELECTRONIC PROBLEMS
505 INT	1543	20 16.2N	73 37.8W	112	73-	XI -10/74-III-02			WINDWARD PASSAGE
5051	1050	M-260	5.27/1800	111	73-	XI -10	ENDST	77-29	QUESTIONABLE SPEEDS
5054	1461	M-277	5.27/1800	113	73-	XI -09	ENDSTR	77-29	
506 INT	2559	39 23.2N	69 59.6W	176	73-	X -08/74- IV-09			ARRAY WITH 507,508,509
5061	187	M-212T	5.27/3600	186	73-	X -08	ENDSTRT	79-87	
5062	988	M-240	5.27/3600	185	73-	X -08	ENDSTR	79-87	
5063	1995	M-266	5.27/3600	180	73-	X -13	ENDSTR	79-87	
507 INT	2662	39 09.8N	70 00.8W	176	73-	X -14/74- IV-10			ARRAY WITH 506,508,509
5072	491	M-122T	5.27/3600	179	73-	X -14	ENDSTRT	79-87	
5073	999	M-227	5.27/3600	180	73-	X -14	ENDSTR	79-87	
5074	2006	M-256	5.27/3600	199	73-	X -14	ENDSTR	79-87	
508 INT	2714	39 09.8N	70 10.9W	61	73-	X -13/73-XII-07			ARRAY WITH 506,507,509
5081	2649	V-0202	900	70	73-	X -12	ENDSTT	79-87	
5082	2653	V-0120	900	70	73-	X -12	ENDSTT	79-87	
5083	2657	V-0106	900	7	73-	X -12	ENDSTT		TAPE WOUND AROUND PINCHWHEEL
5084	2661	V-0107	900	70	73-	X -12	ENDSTT	79-87	
5085	2665	V-0115	900	70	73-	X -12	ENDSTT		ROTOR CURICUTRY MALFUNCTION
5086	2669	V-0136	900	70	73-	X -12	ENDSTT	79-87	
5087	2673	V-0119	900	70	73-	X -12	ENDSTT	79-87	
5088	2677	V-0138	900	70	73-	X -12	ENDSTT	79-87	
5089	2681	V-0204	900	70	73-	X -12	ENDSTT		NO ROTOR,TEMPERATURE VALUES
508.10	2685	M-261	5.27/900	55	73-	X -13	ENDSTR	79-87	
509 INT	2746	39 08.5N	70 32.4W	176	73-	X -13/74- IV-11			ARRAY WITH 506,507,508
5091	179	M-259	5.27/3600	180	73-	X -13	ENDSTR	79-87	
5092	980	M-276	5.27/3600	186	73-	X -08	ENDSTR	79-87	
5093	1987	M-265	5.27/3600	186	73-	X -08	ENDSTR	79-87	

MOORING NO.	TYPE	*DEPTH*	*LATITUDE*	LONG.	*DAYS*	SET / RECOVERED	*REPORT*	COMMENTS
DATA NO.	*DEPTH*	*INSTR.*	SAMPLING	*DAYS*	*DATA START*	VARIABLES	*REPORT*	COMMENTS
510	SUR	5459	27 44.1N	69 47.7W	51	73- X -24/	73-XII-16	TETHER BUOY FOR IWEX
5101		W-270X	5.27/900		54	73- X -24	ENDSTR	
511	SUR	5461	27 48.7N	69 51.0W	?	73- X -26/	LOST	MARKER MOORING FOT IWEX
512	BTM	5455	27 43.5N	69 49.0W	8	73- X -27/	73- XI-04	ACCOUSTIC BEACON FOR IWEX
513	BTM	5455	27 45.4N	69 52.0W	8	73- X -27/	73- XI-04	ACCOUSTIC BEACON FOR IWEX
514	BTM	5455	27 42.4N	69 52.0W	8	73- X -27/	73- XI-04	ACCOUSTIC BEACON FOR IWEX
515	TRI	5455	27 43.9N	69 50.9W	45	73- X -12/	73-XII-16	SUBSURFACE,IWEX, LEGS A,B,C
515A1	598	DT-101	225			73- XI -03	ENDST 75-68	
515A2	600	DT-105	225			73- XI -03	ENDST 75-68	
515A4	605	DT-102	225			73- XI -03	ENDST 75-68	
515A5	633	DT-117	225			73- XI -03	ENDST 75-68	
515A6	724	DT-114	225			73- XI -03	ENDST 75-68	
515A8	1008	DT-107	225			73- XI -03	ENDST 75-68	
515A10	1017	DT-110	225			73- XI -03	ENDST 75-68	
515A14	2044	M-175T	5.27/900			73- XI -03	ENDST 75-68	
515A16	4000	M-129T	5.27/900			73- XI -03	ENDST	FLOODED
515B2	600	DT-113	225			73- XI -03	ENDST 75-68	
515B4	605	DT-108	225			73- XI -03	ENDST 75-68	
515B5	633	DT-111	225			73- XI -03	ENDST 75-68	
515B6	725	DT-103	225			73- XI -03	ENDST 75-68	
515B10	1017	DT-116	225			73- XI -03	ENDST 75-68	
515B14	2044	M-206T	5.27/900			73- XI -03	ENDST 75-68	
515C1	598	DT-104	225			73- XI -03	ENDST 75-68	
515C2	600	DT-112	225			73- XI -03	ENDST 75-68	
515C5	633	DT-106	225			73- XI -03	ENDST 75-68	
515C6	725	DT-107	225			73- XI -03	ENDST 75-68	
515C10	1017	DT-115	225			73- XI -03	ENDST 75-68	
515C14	2044	M-142T	5.27/900			73- XI -03	ENDST 75-68	
516	SPE	5455	27 44.0N	69 48.0W	2	73- XI -03/	73- XI-05	SPAR BUOY TETHERED TO 510
5164	101	V-0129	56.25		1	73- XI -03	ENDSRTTT 75-68	DUEL. THERMISTERS
5165	126	V-0193	56.25		1	73- XI -03	ENDSRTT 75-68	

517 INT	2647	39 11.8N	70 00.0W	363	73- XII-05/74-XII-05			GULF STREAM MOORING	
5172	193	V-0177	900	383	73- XII-05	ENDSTT	79-87	79-56	GRASSY GROWTH ON ROTOR,VANE
5173	197	V-0112	900	383	73- XII-05	ENDSTT	79-87	79-56	NO TEMPERATURE VALUES
518 INT	3138	33 35.0N	62 29.3W	134	73- XII-05/74- IV-23			MUIR SEAMOUNT	
5181	2140	V-0182	900	145	73- XII-05	ENDSTT	79-87		
5182	3039	V-0121	900	145	73- XII-05	ENDSTT	79-87		
519 INT	3088	33 29.1N	62 28.6W	134	73- XII-05/74- IV-23			MUIR SEAMOUNT	
5191	2089	V-0114	900	144	73- XII-05	ENDSTT	79-87		
5192	2988	V-0185	900	144	73- XII-05	ENDSTT	79-87		
520 INT	4366	33 30.0N	62 36.7W	135	73- XII-05/74- IV-23			MUIR SEAMOUNT	
5201	2131	V-0141	900	144	73- XII-05	ENDSTT	79-87		
5202	3023	V-0201	900	145	73- XII-05	ENDSTT	79-87		
5203	3027	V-0118	900	144	73- XII-05	ENDSTT	79-87		

*MOORING *NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS*	SET	RECOVERED	*REPORT*	COMMENTS
*DATA * NO.		*DEPTH	*INSTR.	* SAMPLING	*DAYS	*DATA START*	VARIABLES	*REPORT*	COMMENTS
521 INT		5265	28 09.5N	68 41.5W	128	73- XII-15	74- IV-20		MODE
5211		508	M-257	5.27/1800	129	73- XII-04	ENDSTR	78-5	
5212		605	TP#07	86400	124	73- XII-15	TPT	78-5	T/P RECORDER
5213		802	TP#05	86400	123	73- XII-15	TPT	78-5	T/P RECORDER
5214		995	TP#49	86400	124	73- XII-15	TPT	78-5	T/P RECORDER
5215		1506	M-207	5.27/1800	128	73- XII-04	ENDSTR	78-5	
5216		2007	TP#01	86400	123	73- XII-15	TPT	78-5	T/P RECORDER
5217		2505	TP#17	86400	123	73- XII-15	TPT	78-5	T/P RECORDER
5218		3510	TP#03	86400	123	73- XII-15	TPT	78-5	T/P RECORDER
5219		4011	M-272	5.27/1800	128	73- XII-04	ENDSTR	78-5	
521.10		4014	TP#21	86400	124	73- XII-15	TPT	78-5	T/P RECORDER
521.11		4414	TP#32	86400	123	73- XII-15	TPT	78-5	T/P RECORDER
521.12		5166	TP#02	86400	123	73- XII-15	TPT	78-5	T/P RECORDER
522 INT		5462	28 00.5N	69 44.8W	128	73- XII-16	74- IV-21		MODE
5221		491	M-191	5.27/1800	67	73- XII-04	ENDSTR	78-5	CHANNEL A ONLY
5222		592	TP#13	86400	124	73- XII-16	TPT	78-5	T/P RECORDER
5225		1497	M-205	5.27/1800	129	73- XII-04	ENDSTR	78-5	
5226		1598	TP#06	86400	124	73- XII-16	TPT	78-5	T/P RECORDER
5227		2495	TP#18	86400	45	73- XII-16	TPT	78-5	T/P RECORDER
5228		3497	TP#08	86400	60	73- XII-16	TPT	78-5	T/P RECORDER
5229		3998	M-250	5.27/1800	128	73- XII-04	ENDSTR	78-5	
522.10		4001	TP#22	86400	15	73- XII-16	TPT	78-5	T/P RECORDER
522.11		4402	TP#31	86400	124	73- XII-16	TPT	78-5	T/P RECORDER
522.12		5361	TP#04	86400	124	73- XII-16	TPT	78-5	T/P RECORDER

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1974
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*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED		*REPORT	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	*SAMPLING	*DAYS	*DATA START	*VARIABLES		*REPORT	COMMENTS
523	INT	2504	39 25.6N	69 59.6W	240	74- IV -03/74-XII-05			SITE D
5231	181	V-199	900	264	74- IV -03	ENDSTT	79-56		METAL PARTICLES ON MAGNET
5232	983	V-164	900	264	74- IV -03	ENDSTT	79-56		METAL PARTICLES ON MAGNET
5233	1991	V-135	900	264	74- IV -03	ENDSTT	79-56		METAL PARTICLES ON MAGNET
524	INT	2664	39 07.5N	69 59.9W	239	74- IV -14/74-XII-05			SITE D
5241	197	V-0139	900	253	74- IV -14	ENDST	79-56		
5243	202	V-0136	900	264	74- IV -03	ENDSTCRT	79-56		
5244	496	V-0113	900	265	74- IV -02	ENDSTT	79-56		THERMISTER DRIFTING 1 DEG. C./YEAR
5245	1005	V-0107	900	264	74- IV -03	ENDSTT	79-56		
5246	2013	V-0181	900	264	74- IV -03	ENDSTT	79-56		
5247	2512	V-0204	900	264	74- IV -03	ENDSTT	79-56		
525	INT	2759	39 07.1N	70 32.6W	239	74- IV -02/74-XII-06			SITE D
5251	195	V-205	900	265	74- IV -02	ENDSTT	79-56		
5252	997	V-193	900	264	74- IV -03	ENDSTT	79-56		
5253	2005	V-137	900	264	74- IV -03	ENDSTT	79-56		
526	INT	3007	38 47.0N	70 00.5W	238	74- IV -03/74-XII-06			GULF STREAM ARRAY
5261	2006	V-0133	900	264	74- IV -03	ENDSTT	79-56		
5262	2810	V-0108	900	266	74- IV -02	ENDSTT	79-56		
527	INT	2978	39 09.8N	68 59.8W	238	74- IV -02/74-XII-06			GULF STREAM ARRAY
5271	1977	V-0113	900	266	74- IV -02	ENDSTT	79-56		
5272	2781	V-0110	900	265	74- IV -02	ENDSTT	79-56		
528	BTM	3326	38 35.2N	69 10.1W		74- IV -03/74-XII-07			GULF STREAM ARRAY
5282	2329	DT-5110	900	264	74- IV -03	ENDSTT	79-56		

*MOORING *NO.*	*TYPE*	*DEPTH*	*LATITUDE*	LONG.	*DAYS*	SET /RECOVERED	*REPORT*	COMMENTS
*DATA * NO.		*DEPTH*	*INSTR.*	SAMPLING	*DAYS*	*DATA START*	VARIABLES *REPORT*	COMMENTS
529	INT	3480	38 21.4N	69 59.6W	238	74- IV -03/74-XII-07		GULF STREAM ARRAY
5291		2483	V-0106	900	264	74- IV -03	ENDSTT 79-56	
5292		3283	V-0109	900	264	74- IV -03	ENDSTT 79-56	NO TEMPERATURE
530	BTM	3815	38 00.5N	70 00.6W	244	74- IV -02/74-XII-13		GULF STREAM ARRAY
5302		2818	V-0115	900	265	74- IV -02	ENDSTT 79-56	
531	INT	3921	38 00.2N	69 18.5W	243	74- IV -16/74-XII-13		GULF STREAM ARRAY
5311		2923	TP#34	86400	227	74- IV -16	TPT	T/P RECORDER
5312		2925	V-0184	900	265	74- IV -02	ENDSTT 79-56	
5313		3724	V-0107	900	265	74- IV -02	ENDSTT 79-56	
532	BTM	4210	37 29.8N	69 19.9W	244	74- IV -03/74-XII-14		GULF STREAM ARRAY
5322		3213	DT-5111	900	264	74- IV -03	ENDSTT 79-56	
533	INT	4182	37 30.3N	70 00.4W	244	74- IV -02/74-XII-14		GULF STREAM ARRAY
5331		3182	V-0183	900	265	74- IV -02	ENDSTT 79-56	
5332		3981	DT-5106	900	265	74- IV -02	ENDSTT 79-56	
534	INT	4339	37 00.4N	69 59.8W	245	74- IV -02/74-XII-16		GULF STREAM ARRAY
5341		3337	V-0131	900	266	74- IV -02	ENDSTT 79-56	
5342		4138	V-0126	900	264	74- IV -03	ENDSTT 79-56	
535	BTM	4450	36 59.3N	69 19.7W	243	74- IV -03/74-XII-14		GULF STREAM ARRAY
5352		3453	V-0127	900	264	74- IV -03	ENDSTT 79-56	
536	INT	4468	36 30.1N	69 19.9W	243	74- IV -04/74-XII-16		GULF STREAM ARRAY
5361		3466	V-0111	900	264	74- IV -04	ENDSTT 79-56	
5362		4267	V-0117	900	264	74- IV -03	ENDSTT 79-56	
537	INT	4463	36 29.8N	70 00.0W	244	74- IV -19/74-XII-16		GULF STREAM ARRAY
5371		3461	TP#42	86400	220	74- IV -19	TPT	T/P RECORDER
5372		3463	V-0179	900	264	74- IV -03	ENDSTT 79-56	NO VANE
5373		4262	V-0195	900	265	74- IV -02	ENDSTCRT 79-56	

538 INT	5457	28 02.6N	69 44.8W	100	74- IV -21/74-VII-27				MODE
5381	511	M-142T	5.27/1800	101	74- IV -18	ENDSTRT	78-5		
5382	574	TP#15	86400	95	74- IV -21	TPT	78-5	T/P RECORDER	
5383	774	TP#35	86400	95	74- IV -21	TPT	78-5	T/P RECORDER	
5384	972	TP#52	86400	95	74- IV -21	TPT	78-5	T/P RECORDER	
5385	1500	M-206T	5.27/1800	116	74- IV -03	ENDSTRT	78-5		
5386	1971	TP#28	86400	95	74- IV -21	TPT	78-5	T/P RECORDER	
5387	2480	TP#16	86400	95	74- IV -21	TPT	78-5	T/P RECORDER	
5388	3492	TP#29	86400	95	74- IV -21	TPT	78-5	T/P RECORDER	
5389	3998	M-175T	5.27/1800	116	74- IV -03	ENDSTRT	78-5		
538.10	3976	TP#24	86400	95	74- IV -21	TPT	78-5	T/P RECORDER	
538.11	4394	TP#10	86400	95	74- IV -21	TPT	78-5	T/P RECORDER	
539 SUR	5457	28 01.1N	69 44.9W	2	74- IV 18/74- IV-20		78-5	ENGINEERING MOORING	
540 INT	5265	28 08.9N	68 40.4W	100	74- IV -22/74- VI-29				MODE
5401	509	M-264	5.27/1800	117	74- IV -03	ENDSTR	78-5		
5402	626	TP#14	86400	96	74- IV -22	TPT	78-5	T/P RECORDER	
5403	834	TP#45	86400	96	74- IV -22	TPT	78-5	T/P RECORDER	
5404	1020	TP#46	86400	96	74- IV -22	TPT	78-5	T/P RECORDER	
5405	1511	M-173	5.27/1800	103	74- IV -17	ENDSTR	78-5		
5406	2032	TP#20	86400	96	74- IV -22	TPT	78-5	T/P RECORDER	
5407	2522	TP#19	86400	96	74- IV -22	TPT	78-5	T/P RECORDER	
5409	4008	M-274	5.27/1800	117	74- IV -03	ENDSTR	78-5		
540.11	4419	TP#12	86400	96	74- IV -22	TPT	78-5	ENGINEERING MOORING	
541 INT	3583	38 19.0N	69 39.2W	89	74- IV -03/74-VII-23				
5411	1295	V-0120	900	130	74- IV -03	ENDSTT			

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET / RECOVERED		*REPORT	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	*SAMPLING		*DAYS	*DATA START	VARIABLES	*REPORT	COMMENTS
542 INT	5462	28 01.3N	69 38.9W	274	74- VII-18/75-VII-26			ARRAY 1	POLYMODE
5421	495	V-5116	900	307	74- VII-18	ENDSTT	79-34		
5422	790	TP#5	1920	270	74- VII-29	TPT	79-34	T/P RECORDER	
5423	988	TP#58	1920	89	74- VII-29	TPT	79-34	T/P RECORDER	
5424	1495	M-213T	5.27/3600	209	74- VII-19	CVBRTRT	79-34		
5426	3493	TP#8	1920	270	74- VII-29	TPT		T/P RECORDER	
5427	4000	M-256	5.27/3600	216	74- VII-27	CVBRTR	79-34		
5428	3987	TP#2	1920	270	74- VII-29	TPT	79-34	T/P RECORDER	
543 INT	5363	27 57.6N	64 57.7W	272	74- VII-18/75- IV-27			ARRAY 1	POLYMODE
5431	502	V-0121	900	307	74- VII-18	ENDSTT	79-34		
5432	795	TP#54	1920	268	74-VIII-01	TPT		T/P RECORDER	
5433	1002	V-0119	900	307	74- VII-18	ENDSTT	79-34		
5434	2002	V-0105	1800	297	74- VII-19	ENDSTCRT			
5435	4003	M-269	5.27/3600	248	74- VII-19	CVBRTR			
5436	4006	TP#26	1920	268	74-VIII-01	TT	79-34		
544 INT	6043	28 00.0N	60 05.8W	?	74-VIII-01/ LOST			ARRAY 1	POLYMODE
545 INT	6015	27 50.2N	55 34.5W	284	74- VII-18/75- V -12			ARRAY 1	POLYMODE
5451	496	V-0185	900	307	74- VII-18	ENDSTT	79-34		
5452	791	TP#44	1920	272	74-VIII-05	CPDT		T/P RECORDER	
5453	996	V-5114	900	293	74-VIII-02	ENDSTCRT			
5454	1996	V-0165	900	307	74- VII-18	ENDSTT	79-34		
5455	1985	TP#6	1920	281	74-VIII-04	TPT		T/P RECORDER	
5456	4004	M-266	5.27/3600	240	74-VIII-01	CVBRTR	79-34		
5457	3987	TP#4	1920	105	74-VIII-04	PT	79-34		
546 INT	5773	27 54.3N	54 54.6W	283	74- VII-18/75- V -12			ARRAY 1	POLYMODE
5461	498	V-0118	900	307	74- VII-18	ENDSTT	79-34		
5462	826	TP#55	1920	277	74-VIII-06	CPDT		T/P RECORDER	
5463	998	V-0129	900	307	74- VII-18	ENDSTT	79-34		
5464	1418	TP#59	1920	260	74-VIII-05	TPT		T/P RECORDER	
5465	1998	V-5104	900	307	74- VII-18	ENDSTT	79-34		
5466	3022	TP#17	1920	280	74-VIII-05	TPT	79-34	T/P RECORDER	
5467	4011	M-272	5.27/3600	238	74-VIII-02	CVBRTR	79-34		
5468	4030	TP#3	1920	280	74-VIII-05	TPT	79-34	T/P RECORDER	

547 INT	5785	28 12.6N	54 56.5W	284	74- VII-18/75- V -13			ARRAY 1	POLYMODE
5471	496	V-0201	900	306	74- VII-18	ENDSTT	79-34		
5473	996	V-0134	900	307	74- VII-18	ENDSTT	79-34		
5474	1996	V-0141	900	307	74- VII-18	ENDSTT	79-34		
5475	4000	M-257	5.27/3600	254	74- VII-19	CVBRTR	79-34		
548 INT	5550	31 01.5N	60 04.3W	279	74- VII-18/75- V -10			ARRAY 1	POLYMODE
5481	500	V-0114	900	307	74- VII-18	ENDSTT	79-34		
5482	814	TP#7	1920	276	74-VIII-06	TPT		T/P RECORDER	
5483	1000	V-0103	1800	293	74- VII-19	ENDSTT	79-34		
5485	2001	V-5109	900	307	74- VII-18	ENDSTT	79-34		
5486	4001	V-0182	900	307	74- VII-18	ENDSTT	79-34		
549 INT	4687	33 59.2N	60 00.6W	269	74- VII-18/75- V -01			ARRAY 1	POLYMODE
5491	502	V-0138	900	307	74- VII-18	ENDSTT	79-34		
5492	810	TP#13	1920	265	74-VIII-08	TPT		T/P RECORDER	
5493	1002	V-5113	900	307	74- VII-18	ENDSTT	79-34		
5494	2002	M-212T	5.27/3600	255	74- VII-18	CVBRTRT	79-34		
5495	4002	V-5117	900	307	74- VII-18	ENDSTT	79-34		
550 INT	4894	36 02.6N	69 02.4W	?	74-VIII-07/ LCST			ARRAY 1	POLYMODE
551 INT	4533	36 01.6N	69 58.2W	130	74- XII-16/75- IV-23			TEST OF VACM MODIFICATIONS	
5511	1484	V-120	900	170	74- XII-03	ENDSTTP		MODIFIED FOR PRESSURE, NO PRESSURE DATA	
5512	1998	V-5101	450	158	74- XII-15	ENDSTCRT		GOOD	
5513	2000	V-5108	450	176	74- XI -27	ENDSTCRT		GOOD	
5514	2002	V-5102	450	176	74- XI -27	ENDSTCRT		GOOD	
5515	2004	V-5105	450	176	74- XI -27	ENDSTCRT		GOOD	

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MOORING NO.	*TYPE*	*DEPTH*	*LATITUDE*	LONG.	*DAYS*	SET	/RECOVERED		*REPORT*	COMMENTS
*DATA NO.	*DEPTH*	*INSTR.*	SAMPLING	*DAYS*	*DATA START*	VARIABLES			*REPORT*	COMMENTS
552	INT	3540	38 10.6N	69 35.5W	1	75- II -04	75- II-16			TEST OF SETTING MOORING OFF RUSSIAN SHIP
5521		1747	V-0139	225	14	75- II -04	ENDSTCRT			1 DAY SEA DATA
553	INT	4353	31 46.9N	64 26.2W	273	75- IV -17	76- I -26			BERMUDA MICROSTRUCTURE ARRAY
5531		306	V-0183	900	285	75- IV -17	ENDSTCRT	TM		
5532		506	DT-5106	450	201	75- IV -18	ENDSTTT	TM		BATTERY GAS DAMAGES TAPES
5533		734	TP#15	1920	271	75- IV -29	TPT	TM		T/P RECORDER
5534		1005	V-0136	900	285	75- IV -17	ENDSTCRT	TM		
5535		1505	M-261T	5.27/3600	275	75- IV -27	CVBRTRT	TM		VANE,RCTCR APPEAR STICKY NEAR END
554	INT	4774	32 21.4N	65 27.0W	272	75- IV -17	76- I -26			BERMUDA MICROSTRUCTURE ARRAY
5541		314	V-0131	900	285	75- IV -17	ENDSTCRT	TM		
5542		514	V-0106	900	285	75- IV -17	ENDSTCRT	TM		
5543		718	TP#35	1920	121	75- IV -29	TPT	TM		T/P RECORDER
5544		1013	V-0180	900	285	75- IV -17	ENDSTCRT	TM		
5545		1513	M-260T	5.27/3600	274	75- IV -28	CVBRTRT	TM		VANE,RCTOR APPEAR STICKY,STUCK
555	INT	4527	32 59.0N	64 23.8W	271	75- V -02	76- I -25			BERMUDA MICROSTRUCTURE ARRAY
5551		316	V-0111	450	267	75- V -02	ENDSTT	TM		
5552		516	DT-5107	450	101	75- V -02	ENDSTTT	TM		BATTERY GAS DAMAGES TAPES
5553		752	TP#14	1920	20	75- IV -29	TPT	TM		T/P RECORDER
5554		766	DT-5115	450	217	75- IV -18	ENDSTTT	TM		BATTERY GAS DAMAGES TAPES
5555		1016	V-0193	450	267	75- V -02	ENDSTT	TM		
5556		1516	M-217T	3600	270	75- IV -30	TT	TM		TEMPERATURE ONLY,VANE,ROTOR STUCK
5557		4016	M-274T	450	267	75- V -02	CVDSTT	TM		
556	INT	4662	33 21.0N	64 06.2W	17	75- IV -29	75- V -17			TEST MOORING FOR CIRCULATOR INSTRUMENT
5561		1329	M-206T	5.27/1800	21	75- IV -29	CVBRTRT			TEST OF COS/MOS MODIFIED MODEL 850

557 INT	5089	35 55.7N	55 05.9W	230	75-	IV -17/75-XII-18			ARRAY 2, SET 1 POLYMODE
5571	600	V-0112	900	258	75-	IV -17	ENDSTCRT	78-49	
5572	829	TP#34	1920	226	75-	V -05	TPT	78-49	T/P RECORDER
5573	1000	V-0107	900	258	75-	IV -17	ENDSTCRT	78-49	
5574	1204	TP#46	1920	223	75-	V -07	TPDPCT	78-49	
5575	1499	V-0205P	900	256	75-	IV -19	ENDSTTP	78-49	
5576	2002	TP#45	1920	52	75-	V -06	TPDT	78-49	
5577	2505	TP#19	1920	223	75-	V -07	TPDT	78-49	
5578	3001	TP#16	1920	223	75-	V -07	TPDT	78-49	
5579	3501	TP#67	1920	224	75-	V -06	TPDT	78-49	
557.10	4001	V-0109	900	258	75-	IV -17	ENDSTTT	78-49	
557.11	4505	TP#29	1920	226	75-	V -05	TPT	78-49	T/P RECORDER
558 INT	5379	35 56.8N	54 40.5W	223	75-	V -06/75-XII-12			ARRAY 2, SET 1 POLYMODE
5581	608	V-199	900	217	75-	V -07	ENDSTRT	78-49	
5583	806	TP#42	1920	216	75-	V -06	TPT	78-49	T/P RECORDER
5584	1008	M-227T	5.27/3600	222	75-	V -04	CVBRTRT	78-49	
5585	1506	M-142T	5.27/3600	223	75-	V -03	CVBRTRT	78-49	
5588	2592	TP#68	1920	218	75-	V -06	TPDT	78-49	
5589	4007	V-0126	900	258	75-	IV -17	ENDSTCRT	78-49	
558.11	4973	TP#24	1920	219	75-	V -06	TPT	78-49	T/P RECORDER
559 INT	5478	35 58.2N	53 45.7W	222	75-	IV -17/75-XII-11			ARRAY 2, SET 1 POLYMODE
5591	596	V-0127	900	258	75-	IV -17	ENDSTCRT	78-49	
5592	802	TP#36	1920	216	75-	V -07	TPDPCT	78-49	
5594	1497	M-175T	5.27/3600	223	75-	V -03	CVBRTRT	78-49	
5595	3995	V-0133	900	196	75-	IV -17	ENDSTCRT	78-49	
560 INT	4774	41 29.1N	54 59.7W	215	75-	V -08/75-XII-06			ARRAY 2, SET 1 POLYMODE
5601	3947	TP#27	1920	212	75-	V -08	TPT	78-49	T/P RECORDER
5602	3994	M-259T	5.27/3600	216	75-	V -04	CVBRTRT	78-49	
561 INT	5171	40 28.0N	55 00.0W	217	75-	V -04/75-XII-08			ARRAY 2, SET 1 POLYMODE
5611	3982	M-250T	5.27/3600	217	75-	V -04	CVBRTRT	78-49	
5612	4169	TP#11	1920	210	75-	V -10	TPDT	78-49	
562 INT	5279	39 29.0N	54 59.2W	216	75-	V -04/75-XII-08			ARRAY 2, SET 1 POLYMODE
5621	4000	M-240T	5.27/3600	218	75-	V -04	CVBRTRT	78-49	
5622	4173	TP#5	1920	211	75-	V -10	TPDT	78-49	

*MOORING *NO.*	*TYPE*	*DEPTH*	*LATITUDE*	LONG.	*DAYS*	SET	/RECOVERED	*REPORT*	COMMENTS
*DATA * NO.	*DEPTH*	*INSTR.*	SAMPLING	*DAYS*	DATA START*	VARIABLES		*REPORT*	COMMENTS
563 INT	5353	38 29.8N	54 58.0W	217	75- V	-05/75-XII-09			ARRAY 2, SET 1 POLYMODE
5631	3999	M-215T	5.27/3600	217	75- V	-05	CVBRTR;	78-49	
5632	4065	TD#28	1920	214	75- V	-08	PT	78-49	
564 INT	5350	37 29.5N	55 00.0W	218	75- IV	-18/75-XII-10			ARRAY 2, SET 1 POLYMODE
5641	590	V-0204	900	257	75- IV	-18	ENDSTCRT	78-49	
5642	826	TD#41	1920	211	75- V	-11	TPDPCT	78-49	
5643	990	V-0184	900	257	75- IV	-17	ENDSTCRT	78-49	
5644	1490	M-276T	5.27/3600	217	75- V	-06	CVBRTRT	78-49	
5645	3992	V-0195	900	258	75- IV	-17	ENDSTCRT	78-49	
565 INT	5162	35 36.0N	55 04.9W	225	75- IV	-17/75-XII-18			ARRAY 2, SET 1 POLYMODE
5651	646	V-0108	900	258	75- IV	-17	ENDSTCRT	78-49	
5652	840	TD#33	1920	218	75- V	-12	TPDPCT	78-49	
5653	1046	V-0113	900	257	75- IV	-17	ENDSTCRT	78-49	
5654	1546	M-173T	5.27/3600	225	75- V	-07	CVBRTRT	78-49	
5655	3035	TD#69	1920	219	75- V	-11	TPDT	78-49	
5656	4046	V-0117	900	257	75- IV	-17	ENDSTCRT	78-49	
5657	5021	TD#10	1920	218	75- V	-12	TPDT	78-49	
566 INT	5516	34 53.4N	55 01.6W	223	75- IV	-17/75-XII-17			ARRAY 2, SET 1 POLYMODE
5661	604	V-0135	900	257	75- IV	-17	ENDSTCRT	78-49	
5662	807	TD#38	1920	218	75- V	-11	TPDPCT	78-49	
5663	1005	V-0137	900	243	75- IV	-18	ENDSTCRT	78-49	
5664	1505	M-191T	5.27/3600	223	75- V	-08	CVBRTRT	78-49	
5665	4006	V-0139	900	257	75- IV	-17	ENDSTCRT	78-49	
567 INT	5296	31 35.8N	55 04.9W	216	75- IV	-17/75-XII-15			ARRAY 2, SET 1 POLYMODE
5671	628	V-0178	900	258	75- IV	-17	ENDSTCRT	78-49	
5672	831	TD#40	1920	212	75- V	-16	TPDPCT	78-49	
5673	1028	V-0179	900	257	75- IV	-17	ENDSTCRT	78-49	
5674	1528	M-277T	5.27/3600	216	75- V	-13	CVBRTRT	78-49	
5675	4030	V-0181	900	257	75- IV	-17	ENDSTCRT	78-49	

568 INT	5205	35 55.8N	59 01.6W	219	75- IV -17/75-XII-19			ARRAY 2, SET 1 POLYMODE
5681	599	V-0163	900	257	75- IV -17	ENDSTCRT	78-49	
5682	813	TP#39	1920	214	75- V -18	TPDPCT	78-49	
5683	1000	V-0164	900	258	75- IV -17	ENDSTCRT	78-49	
5684	1500	M-205T	5.27/3600	231	75- V -03	CVBRTRT	78-49	
5685	4001	V-0177	900	257	75- IV -17	ENDSTCRT	78-49	
569 BTM	2941	39 01.2N	71 18.2W	4	75-VIII-11/75-VIII-17			IN CONJUCTION WITH 'ALVIN' DIVES
5691	2841	V-110	28.125	8	75-VIII-11	ENDSTCRT		GOOD
5692	2934	V-201	28.125	8	75-VIII-11	ENDSTCRT		GOOD
570 INT	4288	52 42.7N	33 59.2W	272	75- IX -16/76- VI-24			GIBBS FRACTURE ZONE
5701	4261	V-0129	900	294	75- IX -16	ENDSTTT	TM	
571 INT	2895	52 53.7N	35 31.0W	273	75- IX -16/76- VI-26			GIBBS FRACTURE ZONE
5711	1015	V-0138	900	295	75- IX -16	ENDSTCRT	TM	
5712	2548	V-0119	900	62	75- IX -16	ENDSTCRT	TM	GOOD BEFORE ELECTRICAL FAILURE
5713	2843	V-0134	900	294	75- IX -16	ENDSTCRT	TM	
572 INT	3398	52 46.1N	35 30.0W	273	75- IX -16/76- VI-26			GIBBS FRACTURE ZONE
5721	984	V-0121	900	294	75- IX -16	ENDSTCRT	TM	
5722	2514	V-0118	900	295	75- IX -16	ENDSTCRT	TM	
5723	3046	V-0165	900	295	75- IX -16	ENDSTCRT	TM	
5724	3346	V-0161	900	294	75- IX -16	ENDSTCRT	TM	
573 INT	4758	41 29.3N	54 58.6W	306	75- XII-06/76- X -07			ARRAY 2, SET 2 POLYMODE
5731	4001	M-273T	5.27/3600	331	75- XII-06	CVBRTRT	78-49	
5732	3996	TP#03	1920	302	75- XII-09	TPDPT	78-49	T/P RECORDER
574 INT	5177	40 27.1N	55 03.0W	307	75- XII-06/76- X -09			ARRAY 2, SET 2 POLYMODE
5741	3995	M-266T	5.27/3600	331	75- XII-06	CVBRTRT	78-49	
5742	4185	TP#48	1920	302	75- XII-10	TPDPT	78-49	T/P RECORDER
575 INT	5264	38 30.2N	54 59.9W	308	75- XII-07/76- X -10			ARRAY 2, SET 2 POLYMODE
5751	3993	M-264T	5.27/3600	330	75- XII-07	CVBRTRT	78-49	
5752	4190	TP#02	1920	303	75- XII-10	TPDPT	78-49	T/P RECORDER

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET	/RECOVERED	*REPORT	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	SAMPLING	*DAYS	DATA START	VARIABLES		*REPORT	COMMENTS
576 INT	5340	38 29.5N	54 55.4W	307	75- XII-07	76- X -10			ARRAY 2, SET 2 POLYMODE
5761	3997	M-257T	5.27/3600	330	75- XII-07	CVBRTRT	78-49		
5762	3992	TP#22	1920	303	75- XII-11	TPDPT	78-49		T/P RECORDER
577 INT	5310	37 28.7N	55 00.9W	308	75- XII-10	76- X -12			ARRAY 2, SET 2 POLYMODE
5771	588	V-5101	900	341	75- XI -25	ENDSTCRT	78-49		
5772	785	TP#05	1920	303	75- XII-12	TPDPCT	78-49		T/P RECORDER
5773	991	V-0185	900	328	75- XII-09	ENDSTCRT	78-49		
5774	1495	M-256T	5.27/3600	336	75- XII-01	CVBRTRT	78-49		
5775	3995	V-5108	900	328	75- XII-09	ENDSTCRT	78-49		
578 INT	5463	35 58.3N	53 45.4W	300	75- XII-11	76- X -05			ARRAY 2, SET 2 POLYMODE
5781	597	V-0141	900	340	75- XI -26	ENDSTCRT	78-49		
5782	790	TP#50	1920	245	75- XII-13	TPDPCT	78-49		T/P RECORDER
5783	980	V-0105	900	334	75- XII-03	ENDSTCRT	78-49		
5784	1483	M-238T	5.27/3600	301	75- XII-09	CVBRTRT	78-49		
5785	3985	V-5113	900	342	75- XI -25	ENDSTCRT	78-49		
579 INT	5338	35 55.7N	54 41.8W	298	75- XII-12	76- X -04			ARRAY 2, SET 2 POLYMODE
5791	590	V-0201	900	341	75- XI -26	ENDSTCRT	78-49		
5792	758	TP#13	1920	212	75- XII-16	TPDPCT	78-49		T/P RECORDER
5793	994	V-5104	900	667	75- XII-11	ENDSTCRT	78-49		
5794	1497	M-206T	5.27/3600	299	75- XII-10	CVBRTRT	78-49		
5795	2959	TP#08	1920	293	75- XII-14	TPDPT	78-49		T/P RECORDER
5796	4000	V-0114	900	340	75- XI -26	ENDSTCRT	78-49		
5797	4944	TP#26	1920	293	75- XII-14	TPDPT	78-49		T/P RECORDER
580 INT	5507	31 35.2N	54 56.0W	310	75- XII-15	76- X -19			ARRAY 2, SET 2 POLYMODE
5801	587	V-0326	900	342	75- XI -26	ENDSTCRT	78-49		
5802	802	TP#43	1920	265	75- XII-17	TPDPCT	78-49		T/P RECORDER
5803	990	V-0103	900	338	75- XI -28	ENDSTCRT	78-49		
5804	1494	M-213T	5.27/3600	324	75- XII-13	CVBRTRT	78-49		
5805	3995	V-5109	900	342	75- XI -25	ENDSTCRT	78-49		

581 INT	5502	34 55.6N	55 04.7W	306	75- XII-17/76- X -17			ARRAY 2, SET 2 POLYMODE
5811	587	V-0182	900	341	75- XI -26	ENDSTCRT	78-49	
5812	835	TP#54	1920	300	75- XII-20	TPDPCT	78-49	T/P RECORDER
5813	990	V-0324	900	342	75- XI -25	ENDSTCRT	78-49	
5814	1494	M-269T	5.27/3600	322	75- XII-15	CVBRTRT	78-49	
5815	3995	V-5111	900	342	75- XI -25	ENDSTCRT	78-49	
582 INT	5107	35 36.0N	55 05.0W	303	75- XII-18/76- X -15			ARRAY 2, SET 2 POLYMODE
5821	588	V-0115	900	341	75- XI -26	ENDSTCRT	78-49	
5824	1495	M-272T	5.27/3600	319	75- XII-01	CVBRTRT	78-49	
5825	3108	TP#07	1920	299	75- XII-20	TPDPT	78-49	T/P RECORDER
5826	3996	V-5117	900	342	75- XI -25	ENDSTCRT	78-49	
5827	5095	TP#04	1920	299	75- XII-20	TPDPT	78-49	T/P RECORDER
583 INT	5043	35 52.5N	55 02.5W	302	75- XII-18/76- X -14			ARRAY 2, SET 2 POLYMODE
5831	605	V-0327	900	93	75- XII-02	ENDSTCRT	78-49	
5832	815	TP#23	1920	297	75- XII-21	TPDPCT	78-49	T/P RECORDER
5833	1008	V-0110	900	340	75- XI -26	ENDSTCRT	78-49	
5834	1219	TP#57	1920	297	75- XII-21	TPDPCT	78-49	T/P RECORDER
5835	1492	M-267T	5.27/3600	326	75- XII-10	CVBRTRT	78-49	
5836	2006	TP#59	1920	290	75- XII-21	PDPT	78-49	T/P RECORDER
5838	3011	TP#17	1920	297	75- XII-21	TPDPT	78-49	T/P RECORDER
583.10	3993	V-5105	900	327	75- XII-10	ENDSTCRT	78-49	
583.11	4512	TP#12	1920	299	75- XII-19	TPT	78-49	T/P RECORDER
583.12	5012	TP#32	1920	299	75- XII-19	TPT	78-49	T/P RECORDER
584 INT	5202	35 56.9N	59 01.5W	288	75- XII-20/76- X -02			ARRAY 2, SET 2 POLYMODE
5842	814	TP#47	1920	285	75- XII-21	TPDPCT	78-49	T/P RECORDER
5843	996	V-0101	900	339	75- XI -28	ENDSTCRT	78-49	
5844	1499	M-212T	5.27/3600	318	75- XII-19	CVBRTRT	78-49	
5845	4000	V-5110	900	342	75- XI -25	ENDSTCRT	78-49	
585 SUR	1584	39 46.7N	69 49.5W	73	75- XII-22/76-III-05			TEST OF REDEPLOYABLE KEVLAR
586 INT	1483	39 47.0N	69 54.3W	116	75- XI -28/76- IV-16			ENGINEERING MOORING
5861	325	V-C12CP	900	143	75- XI -28	ENDSTTP		MODIFIED TC INCLUDE PRESSURE

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*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES	*REPORT	COMMENTS
587 INT	496	39 56.1N	71 02.9W	181	76- I -28	/76-VIII-08		SHELF/SLOPE ARRAY
5871	145	V-0117	900	196	76- I -28	ENDSTCRT	80-3	
5872	295	V-0112	900	196	76- I -28	ENDSTCRT	80-3	NO ROTOR,PIVOT BROKE AT LAUNCH
588 INT	2305	39 36.6N	70 56.5W	180	76- I -28	/76-VIII-08		SHELF/SLOPE ARRAY
5881	305	V-0178	900	196	76- I -28	ENDSTCRT	80-3	
5882	2005	V-0109	900	196	76- I -28	ENDSTCRT	80-3	
589 INT	2645	39 16.9N	70 50.0W	180	76- I -28	/76-VIII-08		SHELF/SLOPE ARRAY
5891	1995	V-0107	900	196	76- I -28	ENDSTCRT	80-3	
590 INT	502	39 42.5N	71 47.0W	183	76- I -28	/76-VIII-11		SHELF/SLOPE ARRAY
5901	302	V-0163	900	197	76- I -28	ENDSTCRT	80-3	
591 INT	500	39 54.7N	69 23.4W	155	76- III-05	/76-VIII-07		SHELF/SLOPE ARRAY
592 INT	972	17 43.8N	64 56.5W		76- II -18	/76- IV-27		SAINT CROIX MOORING
5921	95	V-0108	56.25	26	76- II -18	ENDSTCRT	77-41	
5923	144	V-0139	56.25	33	76- II -18	ENDSTCRT	77-41	
5924	193	V-0181	56.25	33	76- II -18	ENDSTCRT	77-41	
5925	243	V-0164	56.25	34	76- II -18	ENDSTCRT	77-41	
5927	950	V-5116	112.5	66	76- II -18	ENDSTCRT	77-41	

593 INT	5082	0 03.0N	50 28.3W	234	76-	V -10/77- I -02					INDEX
5931	203	V-0106	900	240	76-	V -10	ENDSTCRT	AS			
5933	1500	M-240T	5.27/3600	239	76-	V -08	CVBRTRT	AS			
5934	3545	M-142T	5.27/3600	233	76-	V -13	CVBRTRT	AS			
								AS			
594 INT	5074	0 00.9N	52 58.9W	28	76-	V -10/76- VI-11			RESET AS MOORING 597		INDEX
5941	201	V-0111	900	23	76-	V -17	ENDSTT	AS			
5942	493	TP#63	1920	14	76-	V -15	TPT	AS	T/P RECORDER		
5943	1500	M-260T	5.27/3600	12	76-	V -17	CVDSTT	AS			
5944	2508	M-215T	5.27/3600	23	76-	V -17	CVDSTT	AS			
5945	3544	M-261T	5.27/3600	23	76-	V -17	CVDSTT	AS			
595 INT	5117	1 30.0N	53 00.0W	231	76-	V -10/77- I -04					INDEX
5951	202	V-0184	900	240	76-	V -10	ENDSTCRT	AS			
5953	1500	M-276T	5.27/3600	241	76-	V -09	CVBRTRT	AS			
5954	3542	M-277T	5.27/3600	146	76-	V -09	CVBRTRT	AS			
5955	4551	TP#27	1920	227	76-	V -20	TPT	AS	T/P RECORDER		
596 INT	4711	0 00.1N	0 00.0W	226	76-	V -21/76-XII-31					INDEX
5961	254	TP#61	1920	222	76-	V -21	TPT	AS	T/P RECORDER		
5962	551	V-0183	900	240	76-	V -10	ENDSTCRT	AS			
5963	1550	M-271T	5.27/3600	236	76-	V -12	CVBRTRT	AS			
5964	3595	M-262T	5.27/3600	227	76-	V -19	CVBRTRT	AS			
								AS			
597 INT	5072	0 00.9N	52 58.9W	202	76-	VI -14/77- I -01			RESET OF MOORING 594		INDEX
5971	201	V-0111	5.27/3600	199	76-	VI -14	ENDSTT	AS			
5974	2508	M-215T	5.27/3600	199	76-	VI -14	ENDSTT	AS			
5975	3544	M-261T	5.27/3600	199	76-	VI -14	ENDSTT	AS			

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET	/RECOVERED	*REPORT	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	SAMPLING	*DAYS	DATA START	VARIABLES	*REPORT	COMMENTS	
598 INT	5206	35 55.3N	59 02.3W	239	76- IX -14	77- V -28		ARRAY 2,SET 3	POLYMODE
5981	60C	V-0379	900	181	76- IX -14	ENDSTCRT	78-49		
5983	100C	V-0109	900	250	76- IX -20	ENDSTCRT	78-49		
5984	150C	M-270T	3600	238	76- X -01	ENDSTCRT	78-49		
5985	400C	V-0165	900	255	76- IX -15	ENDSTCRT	78-49		
599 INT	5457	35 57.4N	55 27.8W	239	76- IX -14	77- V -29		ARRAY 2,SET 3	POLYMODE
5991	399?	V-0136	900	257	76- IX -14	ENDSTCRT	78-49		
600 INT	5318	35 55.3N	54 44.4W	238	76- IX -20	77- V -29		ARRAY 2,SET 3	POLYMODE
6001	595	V-0108	900	253	76- IX -20	ENDSTCRT	78-49		
6002	796	TP#42	1920	234	76- X -06	DPTPCT	78-49	T/P RECORDER	
6003	995	V-0381	900	191	76- IX -17	ENDSTCRT	78-49		
6004	1498	M-175T	3600	284	76- X -03	ENDSTCRT	78-49		
6005	3001	TP#77	1920	234	76- X -06	DPTPCT	78-49	T/P RECORDER	
6006	3999	V-0179	900	260	76- IX -13	ENDSTCRT	78-49		
6007	5006	TP#78	1920	234	76- X -06	DPTPCT	78-49	T/P RECORDER	
601 INT	5467	35 57.5N	53 46.9W	238	76- IX -14	77- V -30		ARRAY 2,SET 3	POLYMODE
6011	603	V-0375	900	259	76- IX -14	ENDSTCRT	78-49		
6013	1003	V-0177	900	34	76- IX -14	ENDSTCRT	78-49		
6014	1503	M-250T	3600	239	76- X -03	ENDSTCRT	78-49		
6015	4003	V-0195	900	257	76- IX -14	ENDSTCRT	78-49		
602 INT	4772	41 29.4N	54 58.0W	274	76- IX -17	77-VII-09		ARRAY 2,SET 3	POLYMODE
6021	3993	V-0112	900	301	76- IX -17	ENDSTCRT	78-49		
6022	3983	TP#72	1920	271	76- X -09	DPTPCT	78-49	T/P RECORDER	
603 INT	5173	40 27.1N	55 03.0W	272	76- IX -20	77-VII-08		ARRAY 2,SET 3	POLYMODE
6031	3996	V-0107	900	298	76- IX -20	ENDSTCRT	78-49		
6032	4239	TP#85	1920	269	76- X -10	DPTPCT	78-49	T/P RECORDER	
604 INT	5266	39 29.2N	55 00.8W	270	76- IX -24	77-VII-07		ARRAY 2,SET 3	POLYMODE
6041	4002	V-0133	900	294	76- IX -24	ENDSTCRT	78-49		
6042	4217	TP#82	1920	267	76- X -11	DPTPCT	78-49	T/P RECORDER	

605 INT	5340	38 28.8N	54 56.1W	267	76-	IX	-17/7-VII-05			ARRAY 2,SET 3 POLYMODE
6051	4003	V-0178	900	301	76-	IX	-17	ENDSTCRT	78-49	
6052	4036	TP#81	1920	165	76-	X	-13	CPTPCT	78-49	T/P RECORDER
6053	5240	V-0117	900	301	76-	IX	-17	ENDSTCRT	78-49	
6054	5247	TP#76	1920	264	76-	X	-13	CPTPCT	78-49	T/P RECORDER
606 INT	5334	37 29.3N	54 59.6W	266	76-	X	-14/7-VII-05			ARRAY 2,SET 3 POLYMODE
6062	814	TP#41	1920	262	76-	X	-14	TT	78-49	T/P RECORDER
6063	1014	V-0181	900	305	76-	IX	-13	ENDSTCRT	78-49	
6064	1513	M-274T	3600	294	76-	IX	-23	ENDSTCRT	78-49	
6065	4013	V-0121	900	304	76-	IX	-14	ENDSTCRT	78-49	
607 INT	5445	36 30.0N	55 00.0W	264	76-	IX	-21/77-VII-04			ARRAY 2,SET 3 POLYMODE
6071	647	V-0205	900	300	76-	IX	-21	ENDSTTP	78-49	
6072	1048	V-0113	900	301	76-	IX	-17	ENDSTCRT	78-49	
6073	1548	V-0131	900	305	76-	IX	-13	ENDSTCRT	78-49	
6074	4047	V-0373	900	300	76-	IX	-17	ENDSTCRT	78-49	
608 INT	5054	35 52.8N	55 04.6W	261	76-	X	-15/77-VII-04			ARRAY 2,SET 3 POLYMODE
6081	605	V-0129	900	301	76-	IX	-20	ENDSTTT	78-49	
6082	795	TP#34	1920	259	76-	X	-16	CPTPCT	78-49	T/P RECORDER
6083	1005	V-0193	900	308	76-	IX	-13	ENDSTCRT	78-49	
6085	1506	M-173T	3600	275	76-	X	-12	ENDSTCRT	78-49	
6086	2003	TP#73	1920	259	76-	X	-16	CPPT	78-49	T/P RECORDER
6087	2501	TP#19	1920	259	76-	X	-16	CPTPCT	78-49	T/P RECORDER
6089	3500	TP#74	1920	259	76-	X	-16	CPTPCT	78-49	T/P RECORDER
608.11	4506	TP#75	1920	261	76-	X	-15	TPT	78-49	T/P RECORDER
608.12	5006	V-0139	900	306	76-	IX	-15	ENDSTCRT	78-49	

MOORING NC.	*TYPE	*DEPTH	*LATITUDE*	LONG.	*DAYS*	SET	/RECOVERED	*REPORT*	COMMENTS
*DATA NC.	*DEPTH	*INSTR.*	SAMPLING	*DAYS*	DATA START*	VARIABLES	*REPORT*	COMMENTS	
609 INT	5115	35 35.8N	55 04.8W	261	76- IX -15	/77-VII-04			ARRAY 2,SET 3 POLYMODE
6091	600	V-0161	900	298	76- IX -15	ENDSTCRT	78-49		
6093	1000	V-0366	900	302	76- IX -15	ENDSTCRT	78-49		
6094	1500	M-191T	3600	294	76- IX -23	ENDSTT	78-49		
6095	3117	TP#79	1920	257	76- X -17	DPTPCT	78-49		T/P RECORDER
6096	4000	V-0118	900	298	76- IX -20	ENDSTCRT	78-49		
6098	5006	V-0134	900	308	76- IX -13	ENDSTCRT	78-49		
6099	5129	TP#80	1920	257	76- X -17	DPTPCT	78-49		T/P RECORDER
610 INT	5487	35 14.5N	55 00.0W	260	76- IX -28	/77-VII-03			ARRAY 2,SET 3 POLYMODE
6101	598	V-0127P	900	293	76- IX -28	ENDSTTP	78-49		
6102	995	V-0163	900	298	76- IX -20	ENDSTCRT	78-49		
6103	1498	V-0126	900	307	76- IX -14	ENDSTCRT	78-49		
6104	3998	V-0386	900	300	76- IX -17	ENDSTCRT	78-49		
611 INT	5506	34 55.5N	55 04.8W	258	76- IX -14	/77-VII-02			ARRAY 2,SET 3 POLYMODE
6111	601	V-0199	900	304	76- IX -14	ENDSTCRT	78-49		
6112	796	TP#38	1920	203	76- X -19	DPTPCT	78-49		T/P RECORDER
6113	1001	V-0371	900	304	76- IX -15	ENDSTCRT	78-49		
6114	1501	M-259T	3600	294	76- IX -23	ENDSTT	78-49		
612 INT	5595	31 35.2N	54 56.0W	246	76- IX -13	/77- VI-21			ARRAY 2,SET 3 POLYMODE
6122	803	V-0138	900	282	76- IX -13	ENDSTCRT	78-49		
6123	763	TP#40	1920	242	76- X -21	DPTPCT	78-49		T/P RECORDER
6124	953	DT-5115	900	297	76- IX -21	ENDSTTT	78-49		
6125	1003	V-0204	900	275	76- IX -20	ENDSTCRT	78-49		
6126	1503	V-0119	900	282	76- IX -13	ENDSTCRT	78-49		
6127	2002	V-0180	900	282	76- IX -13	ENDSTCRT	78-49		
6128	2503	V-0135	900	282	76- IX -13	ENDSTCRT	78-49		
6129	4003	V-0137	900	280	76- IX -15	ENDSTCRT	78-49		
613 INT	5581	31 33.7N	50 00.2W	--	76- X -19	/77- VI-21			ENGINEERING TEST
614 INT	5581	31 32.0N	55 00.8W	82	76- X -20	/77- I -10			PARAFLUX EXPERIMENT

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*MOORING NO.	*TYPE *DEPTH	*LATITUDE* LONG.	*DAYS*	SET /RECOVERED	*REPORT*	COMMENTS
*DATA NO.	*DEPTH *INSTR.	* SAMPLING	*DAYS	*DATA START* VARIABLES	*REPORT*	COMMENTS
615 SUB	5584	31 32.7N 54 58.7W	166	77- I -08/77- VI-22		INTERNAL WAVE EXPERIMENT
6151	599 V-0115P	450	163	77- I -09 ENDSPTT		MODIFIED TO INCLUDE PRESSURE
6154	771 DT-5106	450	203	76- XII-27 ENDSTTT	TM	
6155	773 DT-5107	450	203	76- XII-27 ENDSTTT	TM	
6156	778 V-0141	450	176	76- XII-27 ENDSTT	TM	
6157	819 V-0103	450	177	76- XII-27 ENDSTT	TM	
6158	824 V-0114	450	177	76- XII-27 ENDSTT	TM	
6159	826 V-0182	450	177	76- XII-27 ENDSTT	TM	
615,10	595 V-0185	450	177	76- XII-27 ENDSTT	TM	
616 INT	2993	30 54.9N 76 39.0W	357	77- V -14/78- V -05		WESTERN BOUNDERY UNDERCURRENT
6161	1995 V-0326P	900	395	77- V -09 ENDSTTP	TM	PRESSURE DRIFTS 12 DBS
6163	2796 V-0101	900	374	77- IV -26 ENDST	TM	
617 INT	3801	30 32.1N 75 06.0W	357	77- V -14/78- V -06		WESTERN BOUNDERY UNDERCURRENT
6171	601 V-0201P	900	398	77- V -09 ENDSTTP	TM	
6172	2002 V-5101	900	380	77- IV -20 ENDSTT	TM	
6173	3602 V-5102	900	379	77- IV -21 ENDST	TM	
618 INT	4002	30 43.2N 74 11.0W	353	77- V -15/78- V -03		WESTERN BOUNDERY UNDERCURRENT
6181	2002 V-0110P	900	359	77- V -09 ENDSTTP	TM	TEN LOW ORDER T,P BITS =0
6182	3003 V-0431	900	371	77- IV -27 ENDSTT	TM	
6183	3802 V-0105	900	372	77- IV -26 ENDSTT	TM	
619 INT	4597	30 48.3N 74 00.5W	?	77- V -15/ LOST		WESTERN BOUNDERY UNDERCURRENT
620 SUB	5187	31 03.5N 73 28.8W	353	77- V -15/78- V -02		WESTERN BOUNDERY UNDERCURRENT
6201	1958 V-120P	900	399	77- V -09 ENDSTTP	TM	
6202	2958 V-5110	900	377	77- IV -20 ENDSTT	TM	
6203	4987 V-0433	900	370	77- IV -27 ENDSTT	TM	

621 SUB	5453	28 31.0N	70 28.5W	94	77- V -17/77-VIII-18				BOTTOM MIXED LAYER EXPERIMENT
6211	5366	V-0325	450	106	77- V -09	ENDSTT	OK		
6212	5388	DT-5104	450	124	77- IV -22	ENDSTTT	OK		
6213	5398	DT-5117	450	124	77- IV -22	ENDSTTT	OK		
6214	5408	DT-5116	450	124	77- IV -22	ENDSTTT	OK		
6215	5418	DT-5114	450	124	77- IV -22	ENDSTTT	OK		
6216	5428	DT-5109	450	124	77- IV -22	ENDSTTT	OK		
6217	5438	DT-5108	450	124	77- IV -22	ENDSTTT	OK		
622 SUB	5453	28 31.0N	70 24.8W	93	77- V -18/77-VIII-18				BOTTOM MIXED LAYER EXPERIMENT
6221	5418	V-0183	450	120	77- IV -26	ENDSTT	OK		
623 SUB	4251	27 24.8N	41 07.7W	349	77- VI -11/78- V -26				CLUSTER B POLYMODE
6231	128	V-5113	900	409	77- IV -21	ENDSTT	SAT		
6232	496	TP#20	1920	348	77- VI -12	TPT	SAT		
6233	843	TP#44	1920	348	77- VI -12	TPT	SAT		
6234	1426	M-142T	5.27/3600	361	77- V -31	ENDSTT	SAT		
6235	2801	TP#07	1920	348	77- VI -12	TPT	SAT		
6237	3927	M-256T	5.27/3600	389	77- V -03	ENDSTT	SAT		
6238	4307	TP#62	1920	348	77- VI -12	TPT	SAT	MOUNTED ON RELEASE	
624 SUB	4372	27 17.5N	40 45.5W	347	77- VI -12/78- V -25				CLUSTER B POLYMODE
6241	214	TP#27	1920	346	77- VI -13	TPT	SAT		
6242	529	M-198C	5.27/3600	388	77- V -04	ENDSTT	SAT		
6243	1528	M-207T	5.27/3600	403	77- V -02	ENDSTT	SAT		
6244	2829	TP#28	1920	346	77- VI -13	TPT	SAT		
6245	4028	M-260T	5.27/3600	215	77- V -03	ENDSTT	SAT	CHANNEL A ONLY	
625 SUB	4723	27 14.5N	40 21.1W	347	77- VI -14/78- V -25				CLUSTER B POLYMODE
6251	189	V-0106	900	343	77- VI -14	ENDSTT	SAT		
6252	483	TP#5	1920	346	77- VI -14	TPT	SAT		
6253	1488	M-206C	5.27/3600	386	77- V -04	ENDSTT	SAT		
6254	2807	TP#29	1920	346	77- VI -14	TPT	SAT		
6255	3990	M-261T	5.27/3600	387	77- V -03	ENDSTT	SAT		
626 SUB	4315	26 52.7N	41 12.8W	346	77- VI -13/78- V -25				CLUSTER B POLYMODE
6261	215	V-0434	900	100	77- VI -15	ENDSTT	SAT		MOTOR DRIVER BOARD MALFUNCTIONED
6262	507	TP#37	1920	344	77- VI -15	TPT	SAT		
6263	1514	M-212T	5.27/3600	359	77- V -31	ENDSTT	SAT		
6264	2821	TP#45	1920	344	77- VI -15	TPT	SAT		
6265	4015	M-227C	5.27/3600	400	77- V -04	ENDSTT	SAT		

627 SUB	3857	26 69.8N	41 40.7W	344	77- VI -14/78- V -24			CLUSTER B POLYMODE
6271	206	V-0111	900	417	77- IV -20	ENDSTT	SAT	
6272	531	TP#54	1920	343	77- VI -15	TPT	SAT	
6273	1505	M-213T	5.27/3600	341	77- VI -16	ENDSTT	SAT	
6274	2800	TP#51	1920	343	77- VI -15	TPT	SAT	
6275	3407	M-269C	5.27/3600	385	77- V -04	ENDSTT	SAT	WATER IN CASE-NO ROTOR VALUES
628 SUB	4961	27 25.6N	47 50.0W	340	77- VI -16/78- V -22			CLUSTER A POLYMODE
6282	505	M-240T	5.27/3600	64	77- VI -01	ENDSTT	SAT	ROTOR QUIT APRIL 15
6283	1485	M-271T	5.27/3600	384	77- V -03	ENDSTT	SAT	
6284	2807	TP#10	1920	339	77- VI -17	TPT	SAT	
6285	3994	M-272C	5.27/3600	355	77- VI -02	ENDSTT	SAT	NO ROTOR AUG.15 TO JAN.15
629 SUB	4954	28 01.0N	48 03.3W	339	77- VI -17/78- V -22			CLUSTER A POLYMODE
6291	203	V-0435	900	405	77- IV -28	ENDSTT	SAT	
6292	505	TP#47	1920	338	77- VI -18	TPT	SAT	
6293	1500	M-257T	5.27/3600	355	77- VI -01	ENDSTT	SAT	
6294	2807	TP#11	1920	338	77- VI -18	TPT	SAT	
6295	4006	M-273T	5.27/3600	336	77- VI -18	ENDST	SAT	CLOCK DRIFTS 13H. AFTER MARCH 1
630 SUB	4895	27 51.7N	48 39.4W	338	77- VI -17/77- V -21			CLUSTER A POLYMODE
6301	200	V-0184	900	413	77- IV -20	ENDSTT	SAT	
6302	542	TP#50	1920	337	77- VI -18	TPT	SAT	
6304	1498	M-215T	5.27/3600	406	77- V -02	ENDSTT	SAT	
6305	2800	TP#17	1920	337	77- VI -18	TPT	SAT	
6306	3498	TP#6	1920	337	77- VI -18	TPT	SAT	
6308	4908	TP#61	1920	337	77- VI -18	TPT	SAT	
631 SUB	5106	27 55.8N	48 52.1W	337	77- VI -18/78- V -18			CLUSTER A POLYMODE
6311	212	V-5105	900	410	77- IV -20	ENDSTT	SAT	
6312	546	TP#13	1920	336	77- VI -19	TPT	SAT	
6313	1510	M-276T	5.27/3600	384	77- V -02	ENDSTT	SAT	NO COMPASS VALUES
6314	2857	TP#3	1920	336	77- VI -19	TPT	SAT	
6315	4016	M-262T	5.27/3600	383	77- V -03	ENDSTT	SAT	
632 SUB	4881	26 51.8N	49 13.5W	336	77- VI -18/78- V -20			CLUSTER A POLYMODE
6321	190	V-0436	900	405	77- IV -28	ENDSTT	SAT	
6323	1488	M-264T	5.27/3600	383	77- V -02	ENDSTT	SAT	NO ROTOR VALUES AFTER DEC. 2
6324	2796	TP#24	1920	335	77- VI -19	TPT	SAT	
6325	3993	M-266T	5.27/3600	382	77- V -03	ENDSTT	SAT	

MOORING NO.	*TYPE*	*DEPTH*	*LATITUDE*	LONG.	*DAYS*	SET /RECOVERED	*REPORT*	COMMENTS
DATA NO.	*DEPTH*	*INSTR.*	SAMPLING	*DAYS*	DATA START*	VARIABLES	*REPORT*	COMMENTS
633 SUB	1611	32 33.8N	64 44.7W	388	77- XI -15/	78-XII-07		ISLAND TRAPPED WAVES
6331	611	V-0325P	900	422	77- XI -14	ENDSTTP	TM	NO ROTOR VALUES
6332	911	V-0139	900	428	77- XI -14	ENDSTT	TM	
6333	1211	V-0183	900	277	77- XI -14	ENDSTT	TM	ELECTRONIC MALFUNCTION AFTER AUG. 6
6334	1511	V-0112	900	423	77- XI -14	ENDSTT	TM	
634 SUB	542	32 32.2N	64 44.1W	395	77- XI -16/	78-XII-16		ISLAND TRAPPED WAVES
6342	542	V-0113	900	403	77- XI -14	ENDSTT	TM	
6343	842	V-0163	900	403	77- XI -14	ENDSTT	TM	
635 SUB	524	32 22.4N	65 00.9W	395	77- XI -17/	78-XII-17		ISLAND TRAPPED WAVES
6352	524	V-0181	900	404	77- XI -14	ENDSTT	TM	
6353	824	V-0371	900	409	77- XI -14	ENDSTT	TM	NO ROTOR VALUES
636 SUB	4456	4 02.4N	39 40.5W	362	77- XII-08/	78-XII-05		WESTERN BOUNDARY SILL
6361	4256	V-0119	900	416	77- XI -02	ENDSTT	79-85	
6362	4356	M-2700	5.27/3600	411	77- XI -04	ENDSTT	79-85	
6363	4406	V-0114	900	416	77- XI -01	ENDSTT	79-85	
6364	4446	V-0366	900	416	77- XI -01	ENDSTT	79-85	
637 SUB	4304	4 01.2N	39 19.0W	362	77- XII-08/	78-XII-05		WESTERN BOUNDARY SILL
6371	4104	V-0134	900	416	77- XI -01	ENDSTT	79-85	
6372	4204	M-2500	5.27/3600	380	77- XII-06	ENDSTT	79-85	
6373	4254	V-0107	900	416	77- XI -01	ENDSTT	79-85	
6374	4294	V-0141	900	416	77- XI -01	ENDSTT	79-85	COMPASS MAY BE STICKY

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1978
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*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED	*REPORT	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	SAMPLING	*DAYS	DATA START	VARIABLES	*REPORT	COMMENTS
638 INT	5362	31 23.1N	69 28.9W	446	78- IV -29/	79-VII-20		LOCAL DYNAMICS EXPERIMENT
6382	602	V-0380	900	478	78- III-29	ENDSTT		NO ROTOR AFTER DEC.25
6383	701	TP#79	1920	444	78- V -01	TPT		
639 INT	5355	31 09.8N	69 22.0W	447	78- IV -29/	79-VII-21		LOCAL DYNAMICS EXPERIMENT
6391	498	TP#88	1920	445	78- V -01	TPT		
6392	599	V-0379	900	488	78- III-29	ENDSTT		NO ROTOR AFTER DEC.25
6394	822	V-0195	900	490	78- III-27	ENDSTT		
640 INT	5355	31 01.4N	69 29.9W	447	78- IV -30/	79-VII-22		LOCAL DYNAMICS EXPERIMENT
6401	245	V-0378	900	489	78- III-27	ENDSTT		
6402	370	V-0115P	900	473	78- IV -13	ENDSTTP		
6403	494	V-0185	900	489	78- III-27	ENDSTT		
6404	595	V-0182	900	489	78- III-27	ENDSTT		
6405	695	V-0180	900	489	78- III-27	ENDSTT		
6406	820	V-0179	900	490	78- III-27	ENDSTT		
6407	920	TP#72	1920	446	78- V -02	TPT		
6408	1044	M-1730	5.27/3600	470	78- IV -28	ENDSTT		NO ROTOR VALUES
6409	1270	M-2770	5.27/3600	469	78- IV -28	ENDSTT		NO ROTOR VALUES
6410.10	1995	M-1910	5.27/3600	472	78- IV -28	ENDSTT		CHANNEL SWITCH PROBLEM
6410.11	2995	M-2590	5.27/3600	471	78- IV -12	ENDSTT		CHANNEL SWITCH PROBLEM
6410.12	5250	V-0178	900	490	78- III-27	ENDSTT		
6410.14	5332	V-0165	900	487	78- III-30	ENDSTT		

MOORING NO.	TYPE	*DEPTH*	LATITUDE	LONG.	*DAYS*	SET /RECOVERED	*REPORT*	COMMENTS
*DATA NO.		*DEPTH	*INSTR.	* SAMPLING	*DAYS	*DATA START	* VARIABLES	*REPORT* COMMENTS
641	INT	5349	31 10.1N	69 37.5W	447	78- IV -30/79-VII-22		LOCAL DYNAMICS EXPERIMENT
6411		494	TP#86	1920	429	78- V -02	TPT	
6412		595	V-0375	900	484	78- III-29	ENDSTT	
6413		695	TP#41	1920	429	78- V -02	TPT	
6414		815	V-0122	900	494	78- III-22	ENDSTT	
642	INT	5403	30 58.5N	69 50.0W	446	78- V -01/79-VII-22		LOCAL DYNAMICS EXPERIMENT
6421		502	TP#87	1920	429	78- V -02	TPT	
6422		603	V-0204	900	490	78- III-27	ENDSTT	
643	INT	5375	30 49.0N	69 36.9W	439	78- V -10/79-VII-23		LOCAL DYNAMICS EXPERIMENT
6431		510	TP#83	1920	438	78- V -11	TPT	
6432		611	V-0138	900	493	78- III-23	ENDSTT	NO TEMPERATURE
6433		710	TP#75	1920	438	78- V -11	TPT	
6434		834	V-0137	900	493	78- III-23	ENDSTT	
644	INT	5366	30 35.5N	69 28.2W	440	78- V -10/79-VII-24		LOCAL DYNAMICS EXPERIMENT
6441		543	TP#85	1920	438	78- V -11	TPT	
6442		644	V-0164	900	494	78- III-23	ENDSTT	
6443		743	TP#78	1920	438	78- V -11	TPT	
645	INT	5367	31 00.7N	69 27.0W	?	78- V -10/LOST		LOCAL DYNAMICS EXPERIMENT
646	INT	5339	30 50.3N	69 22.0W	438	78- V -11/79-VII-23		LOCAL DYNAMICS EXPERIMENT
6461		492	TP#80	1920	435	78- V -12	TPT	
6462		593	V-0131	900	494	78- III-23	ENDSTT	
6463		693	TP#77	1920	435	78- V -12	TPT	
6464		817	V-0129	900	493	78- III-22	ENDSTT	ELECTRONIC FAILURE
647	INT	5286	31 00.0N	69 09.6W	438	78- V -11/79-VII-23		LOCAL DYNAMICS EXPERIMENT
6471		477	TP#69	1920	435	78- V -12	TPT	
6472		578	V-0126	900	493	78- III-22	ENDSTT	
6473		677	TP#68	1920	435	78- V -12	TPT	

648 INT	4881	27 51.4N	48 40.8W	515	78-	V -22/79-	X -18		CLUSTER A SITE POLYMODE
6481	178	V-0109	900	587	78-	III-30	ENDSTT	SAT	
6482	478	TP#73	1920	514	78-	V -23	TPT	SAT	
6483	828	TP#35	1920	514	78-	V -23	TPT	SAT	
6484	1479	V-0117	900	588	78-	III-30	ENDSTT	SAT	
6485	2779	TP#39	1920	514	78-	V -23	TPT	SAT	
6486	3478	TP#46	1920	514	78-	V -23	TPT	SAT	
6487	3978	V-0118	900	588	78-	III-29	ENDSTT	SAT	
649 INT	4268	27 25.6N	41 09.4W	513	78-	V -26/79-	X -20		CLUSTER B SITE POLYMODE
6491	216	V-0108	900	588	78-	III-29	ENDSTT	SAT	
6492	516	TP#74	1920	512	78-	V -26	TPT	SAT	
6493	866	TP#30	1920	512	78-	V -26	TPT	SAT	
6494	1517	M-175C	5.27/3600						INSTRUMENT FLOODED
6495	2818	TP#40	1920	512	78-	V -26	TPT	SAT	
6496	3417	TP#81	1920	512	78-	V -26	TPT	SAT	
6497	4018	V-0108	900	587	78-	III-30	ENDSTT	SAT	
650 INT	3964	38 03.2N	68 56.4W	200	78-	VII-03/78-	XII-20		ENGINEERING MOORING

*MOORING NO.	*TYPE	*DEPTH	*LATITUDE	LONG.	*DAYS	SET /RECOVERED		*REPORT	COMMENTS
*DATA NO.	*DEPTH	*INSTR.	SAMPLING	*DAYS	*DATA START	VARIABLES		*REPORT	COMMENTS
651 SUB	1558	59 01.5N	12 32.0W	41	78- VII-29/78- IX-07				JASIN
6511	79	DT-5104	112.5	61	78- VII-22	ENDSTTT	78-93		
6512	82	DT-5106	112.5	61	78- VII-22	ENDSTTT	78-93		
6513	85	V-326P	900	60	78- VII-23	ENDSTTP	78-93		
6515	91	DT-5107	112.5	60	78- VII-23	ENDSTTT	78-93		
6516	94	V-0177	900	63	78- VII-24	ENDSTT	78-93		
6517	97	V-0386	900	64	78- VII-23	ENDSTT	78-93		
6518	100	DT-5108	112.5	61	78- VII-22	ENDSTTT	78-93		
6519	103	DT-5109	112.5	61	78- VII-22	ENDSTTT	78-93		
651.10	106	V-0373	900	64	78- VII-23	ENDSTT	78-93		
651.11	109	V-0381	900	64	78- VII-23	ENDSTT	78-93		
651.12	112	DT-5114	112.5	61	78- VII-22	ENDSTTT	78-93		
651.13	115	V-0101	900	63	78- VII-24	ENDSTT	78-93		
651.14	116	V-0105	900	63	78- VII-24	ENDSTT	78-93		
651.15	121	DT-5115	112.5	61	78- VII-23	ENDSTTT	78-93		
651.16	124	DT-5116	112.5	61	78- VII-22	ENDSTTT	78-93		
651.17	185	DT-5117	112.5	61	78- VII-22	ENDSTTT	78-93		
651.18	200	DT-5101	112.5	59	78- VII-23	ENDSTTT	78-93		
651.19	210	V-0431	900	64	78- VII-23	ENDSTT	78-93		
651.20	295	DT-5102	112.5	60	78- VII-23	ENDSTTT	78-93		
651.21	300	DT-5110	112.5	60	78- VII-22	ENDSTTT	78-93		
651.22	310	V-0110P	900	60	78- VII-23	ENDSTTP	78-93		
651.23	1000	DT-5105	112.5	60	78- VII-24	ENDSTTT	78-93		
652 SUB	1551	59 01.5N	12 33.0W	39	78- VII-30/78- IX-06				JASIN
6520		V-167	900	64	78- VII-24	ENDSTT	78-93	ATMOSPHERIC DATA	
652.10	75	V-0436	900	64	78- VII-23	ENDSTT	78-93		
653 SUB	1555	59 01.1N	12 34.3W	39	78- VII-30/78- IX-06				JASIN
6531	15	NBIS	180	50	78- VII-21	ENTTCPPP			
6532	17	V-0433	900	63	78- VII-24	ENDSTT	78-93		
6536	79	DT-5113	112.5	60	78- VII-22	ENDSTTT	78-93		
6537	83	NBIS	180	74	78- VII-21	ENTTC			
654 SUB	1244	32 32.1N	64 47.0W	30	78- XI -17/78-XII-17			AIR DEPLOYABLE MOORING	

THE END. MOORINGS SET FROM 1963 THROUGH 1978

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THE WHOI MOORED ARRAY PROJECT 1963-1978: DATA DIRECTORY AND BIBLIOGRAPHY by S. Tarbell, M. Chaffee, A. Williams and R. Payne. August 1980. 168 pages. Prepared for the Office of Naval Research under Contract N00014-76-C-0197; NR 083-400 and for the National Science Foundation under Grant OCE 77-19403.

General information about mooring locations, durations and data gathered by the Moored Array Project (also known as Buoy Group) between late 1963 and 1978 are listed. Also included is a comprehensive list of scientific and technical publications written by the Buoy Group staff.

1. Current meter
2. Moored instruments
3. Bibliography

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III. Williams, A.
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THE WHOI MOORED ARRAY PROJECT 1963-1978: DATA DIRECTORY AND BIBLIOGRAPHY by S. Tarbell, M. Chaffee, A. Williams and R. Payne. August 1980. 168 pages. Prepared for the Office of Naval Research under Contract N00014-76-C-0197; NR 083-400 and for the National Science Foundation under Grant OCE 77-19403.

General information about mooring locations, durations and data gathered by the Moored Array Project (also known as Buoy Group) between late 1963 and 1978 are listed. Also included is a comprehensive list of scientific and technical publications written by the Buoy Group staff.

1. Current meter
2. Moored instruments
3. Bibliography

I. Tarbell, S.
II. Chaffee, M.
III. Williams, A.
IV. Payne, R.
V. N00014-76-C-0197, NR 083-400
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